

Product datasheet for TA504310

GADD34 (PPP1R15A) Mouse Monoclonal Antibody [Clone ID: OTI3D12]

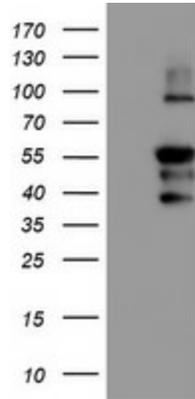
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3D12
Applications:	FC, IF, IHC, WB
Recommend Dilution:	WB 1:500~2000, IHC 1:150, IF 1:100, FLOW 1:100
Reactivity:	Human, Monkey, Mouse, Rat, Dog
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human PPP1R15A(NP_055145) produced in HEK293T cell.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.25 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	73.3 kDa
Gene Name:	protein phosphatase 1 regulatory subunit 15A
Database Link:	NP_055145 Entrez Gene 17872 MouseEntrez Gene 171071 RatEntrez Gene 476419 DogEntrez Gene 718350 MonkeyEntrez Gene 23645 Human
Background:	This gene is a member of a group of genes whose transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents. The induction of this gene by ionizing radiation occurs in certain cell lines regardless of p53 status, and its protein response is correlated with apoptosis following ionizing radiation. [provided by RefSeq, Jul 2008]
Synonyms:	GADD34
Protein Families:	Druggable Genome

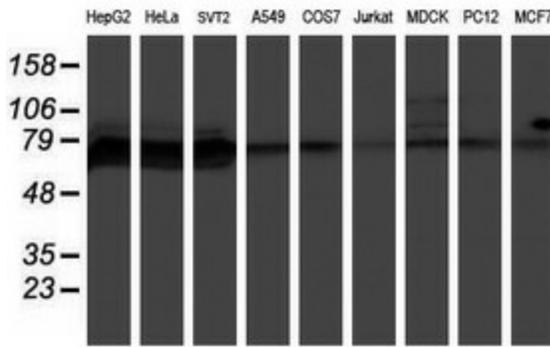


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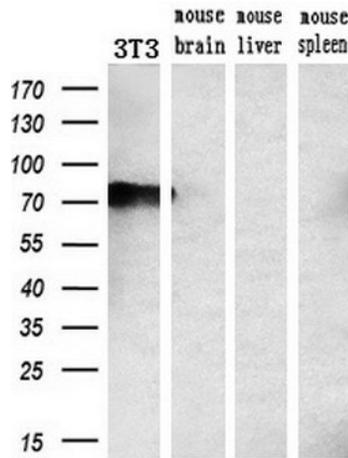
Product images:



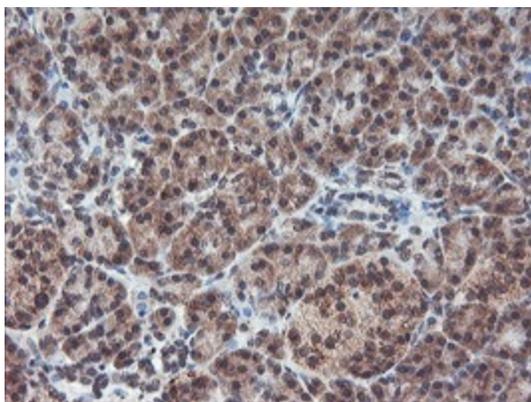
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PPP1R15A ([RC200581], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PPP1R15A. Positive lysates [LY415358] (100ug) and [LC415358] (20ug) can be purchased separately from OriGene.



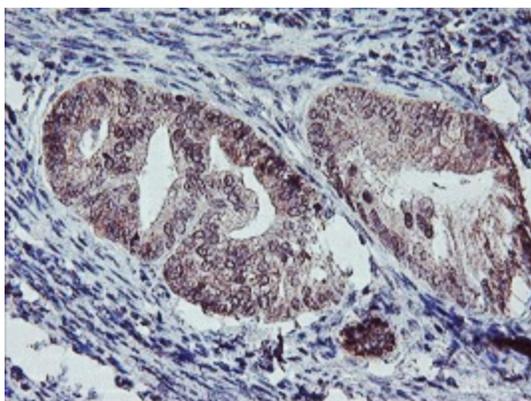
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-PPP1R15A monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



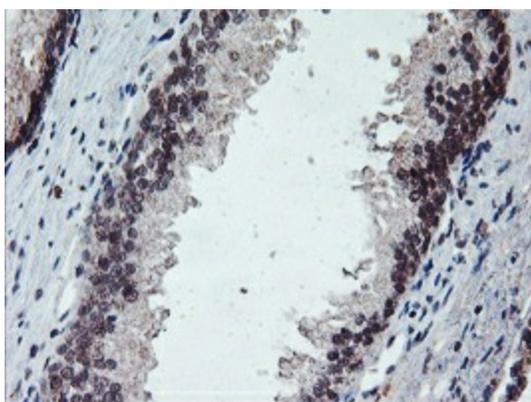
Western blot analysis of extracts (10ug) from a mouse cell line and 3 different mouse tissues by using anti-PPP1R15A monoclonal antibody (1:200).



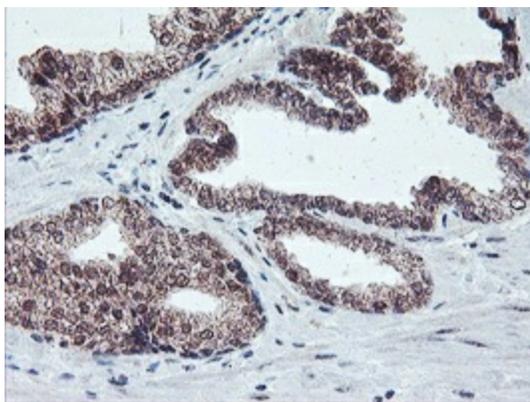
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-PPP1R15A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504310)



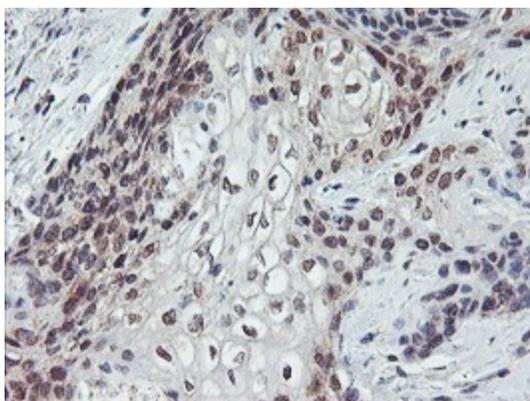
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-PPP1R15A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504310)



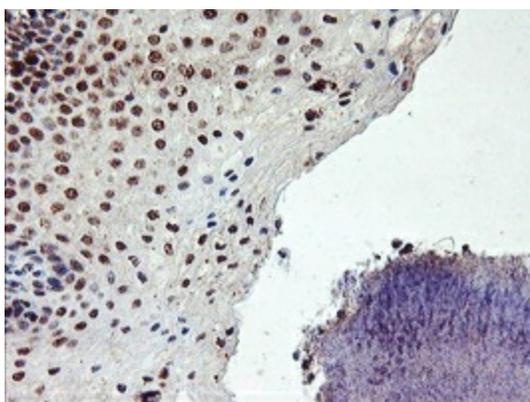
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-PPP1R15A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504310)



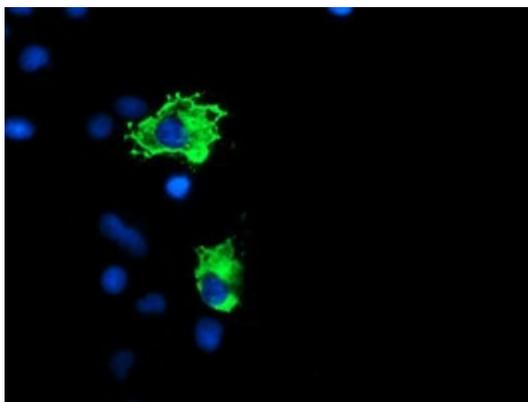
Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-PPP1R15A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504310)



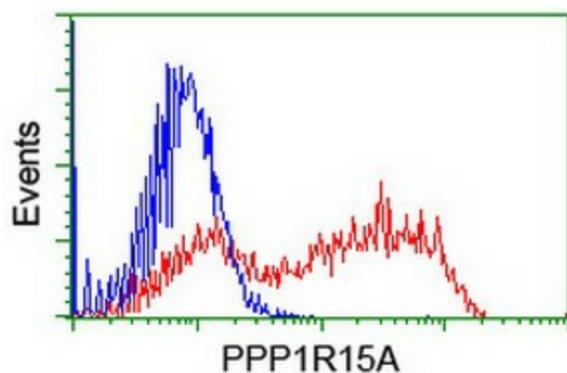
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-PPP1R15A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504310)



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-PPP1R15A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504310)



Anti-PPP1R15A mouse monoclonal antibody (TA504310) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PPP1R15A ([RC200581]).



HEK293T cells transfected with either [RC200581] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PPP1R15A antibody (TA504310), and then analyzed by flow cytometry.