

Product datasheet for TA809626

RRBP1 Mouse Monoclonal Antibody [Clone ID: OTI3F1]

Product data:

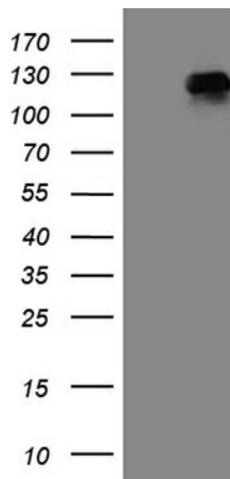
Product Type:	Primary Antibodies
Clone Name:	OTI3F1
Applications:	IHC, WB
Recommend Dilution:	WB 1:2000, IHC 1:1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 484-590 of human RRBP1(NP_001036041) produced in E.coli.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	108.5 kDa
Gene Name:	ribosome binding protein 1
Database Link:	NP_001036041 Entrez Gene 6238 Human
Background:	This gene encodes a ribosome-binding protein of the endoplasmic reticulum (ER) membrane. Studies suggest that this gene plays a role in ER proliferation, secretory pathways and secretory cell differentiation, and mediation of ER-microtubule interactions. Alternative splicing has been observed and protein isoforms are characterized by regions of N-terminal decapeptide and C-terminal heptad repeats. Splicing of the tandem repeats results in variations in ribosome-binding affinity and secretory function. The full-length nature of variants which differ in repeat length has not been determined. Pseudogenes of this gene have been identified on chromosomes 3 and 7, and RRBP1 has been excluded as a candidate gene in the cause of Alagille syndrome, the result of a mutation in a nearby gene on chromosome 20p12. [provided by RefSeq, Apr 2012]
Synonyms:	130; ES; ES130; hES; RRp



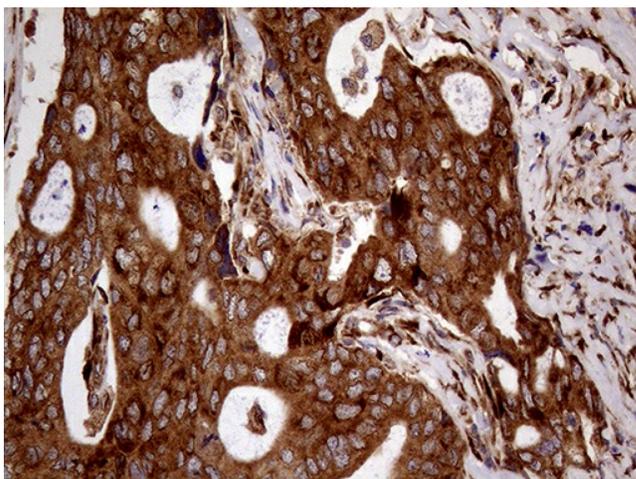
[View online »](#)

Protein Families: Druggable Genome, Transmembrane

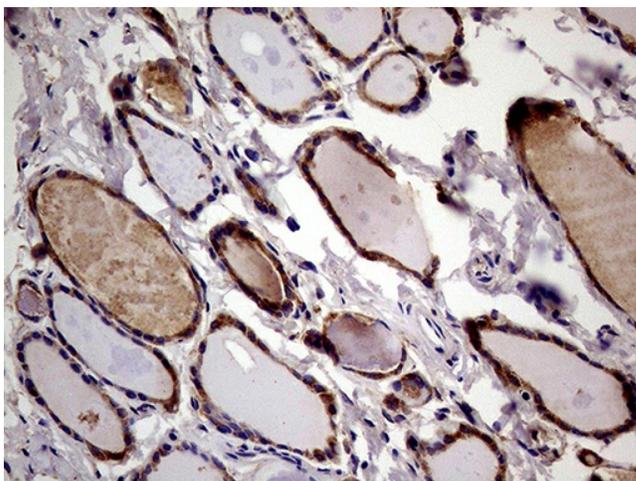
Product images:



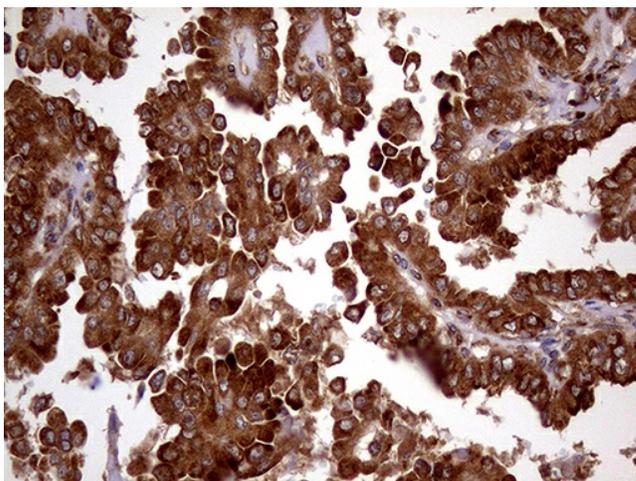
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY RRBP1 ([RC218816], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-RRBP1 (1:2000). Positive lysates [LY420989] (100ug) and [LC420989] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-RRBP1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809626) (1:1000)



Immunohistochemical staining of paraffin-embedded Human thyroid tissue within the normal limits using anti-RRBP1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809626) (1:1000)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-RRBP1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809626) (1:1000)