

Product datasheet for TA809562

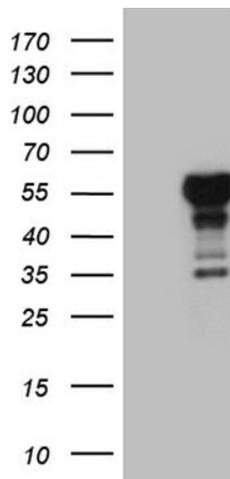
LHX4 Mouse Monoclonal Antibody [Clone ID: OTI1C7]

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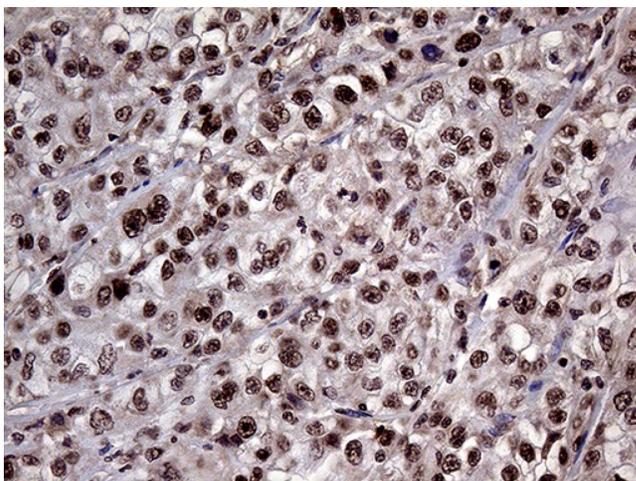
Product Type:	Primary Antibodies
Clone Name:	OTI1C7
Applications:	IHC, WB
Recommend Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-260 of human LHX4 (NP_203129) produced in E.coli.
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:	42.9 kDa
Gene Name:	LIM homeobox 4
Database Link:	NP_203129 Entrez Gene 89884 Human
Background:	This gene encodes a member of a large protein family which contains the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein is a transcription factor involved in the control of differentiation and development of the pituitary gland. Mutations in this gene cause combined pituitary hormone deficiency 4. [provided by RefSeq, Dec 2010]
Synonyms:	CPHD4
Protein Families:	Druggable Genome, Transcription Factors



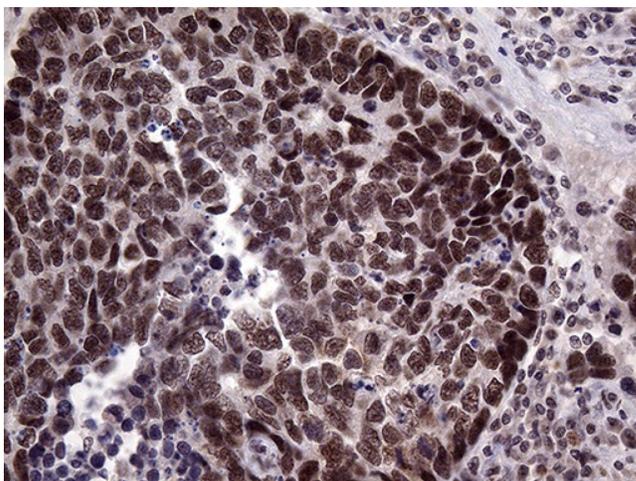
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Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY LHX4 ([RC204014], 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-LHX4 (1:2000). Positive lysates [LY403244] (100ug) and [LC403244] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-LHX4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809562) (1:150)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-LHX4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809562) (1:150)