

Rabbit TBL1 Polyclonal Antibody | anti-TBL1X antibody

TBL1 Antibody

CATALOG # AAA329011	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA
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PRODUCT SYNONYMS

TBL1; Polyclonal Antibody; TBL1 Antibody; EBI; F box like/WD repeat protein TBL1X; F-box-like/WD repeat-containing protein TBL1X; SMAP 55; SMAP55; TBL 1; TBL 1X; TBL1X; TBL1X_HUMAN; Transducin (beta) like 1; Transducin (beta) like 1 X linked; Transducin (beta) like 1X linked; Transducin beta like 1 X linked; Transducin beta like 1X; Transducin beta like 1X protein; Transducin beta like protein 1; X linked; Transducin beta-like protein 1X; Transducin-beta-like protein 1; X-linked; anti-TBL1X antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TBL1 Antibody detects endogenous levels of total TBL1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	577
Applicable Applications for anti-TBL1X antibody	ELISA
Immunogen	A synthesized peptide derived from human TBL1, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA329011 at 1/100 staining Mouse lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from Hela cells, using TBL1 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-TBL1X antibody	Function: F-box-like protein involved in the recruitment of the ubiquitin/19S proteasome complex to nuclear receptor-regulated transcription units (PubMed:14980219). Plays an essential role in transcription activation mediated by nuclear receptors. Probably acts as integral component of corepressor complexes that mediates the recruitment of the 19S proteasome complex, leading to the subsequent proteasomal degradation of transcription repressor complexes, thereby allowing cofactor exchange (PubMed:21240272). Subcellular Location: Nucleus. Note: Colocalized with MECP2 to the heterochromatin foci. Tissue Specificity: Ubiquitous. Subunit Structure: Homotetramer; dimer of dimers (PubMed:21240272). Component of the N-Cor repressor complex, at least composed of NCOR1, NCOR2, HDAC3, TBL1X, TBL1R, CORO2A and GPS2 (PubMed:10809664, PubMed:21240272). Interacts with GPS2 (when sumoylated); leading to protect GPS2 against degradation by the proteasome (PubMed:24943844). Component of a E3 ubiquitin ligase complex containing UBE2D1, SIAH1, CACYBP/SIP, SKP1, APC and TBL1X (PubMed:11389839). Probably part of other corepressor complexes, that do not contain NCOR1 and NCOR2. Interacts with histones H2B, H3a and H4. Interacts with MECP2; recruits TBL1X to the heterochromatin foci (By similarity). Similarity: The F-box-like domain is related to the F-box domain, and apparently displays the same function as component of ubiquitin E3 ligase complexes.Belongs to the WD repeat EBI family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	213021186
NCBI GeneID	6907
NCBI Accession #	NP_001132938.1
NCBI GenBank Nucleotide #	NP_001132938.1
UniProt Accession #	O60907
Molecular Weight	Observed Molecular Weight: (Observed)62kD. Predicted Molecular Weight: (Calculated)62kDa.
NCBI Official Full Name	F-box-like/WD repeat-containing protein TBL1X isoform a
NCBI Official Synonym Full Names	transducin beta like 1 X-linked
NCBI Official Symbol	TBL1X
NCBI Official Synonym Symbols	EBI; TBL1; CHNG8; SMAP55
NCBI Protein Information	F-box-like/WD repeat-containing protein TBL1X
UniProt Protein Name	F-box-like/WD repeat-containing protein TBL1X
UniProt Gene Name	TBL1X
UniProt Synonym Gene Names	TBL1
UniProt Entry Name	TBL1X_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.