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TBL1 Antibody

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AP53272

Product Information

Application	WB, ICC
Primary Accession	O60907
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Calculated MW	62496

Additional Information

Gene ID	6907
Other Names	EBI;F box like/WD repeat protein TBL1X;F-box-like/WD repeat-containing protein TBL1X; SMAP 55;SMAP55;TBL 1;TBL 1X;TBL1;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.
Dilution	WB~~1:1000 ICC~~1:100
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	TBL1X
Synonyms	TBL1
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).

Cellular Location	Nucleus. Note=Colocalized with MECP2 to the heterochromatin foci. {ECO:0000250|UniProtKB:Q9QXE7}
Tissue Location	Ubiquitous..

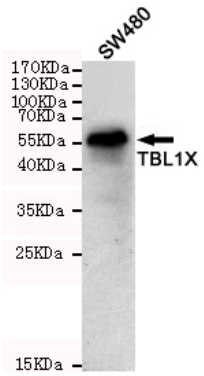
Background

F-box-like protein involved in the recruitment of the ubiquitin/19S proteasome complex to nuclear receptor-regulated transcription units. 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.

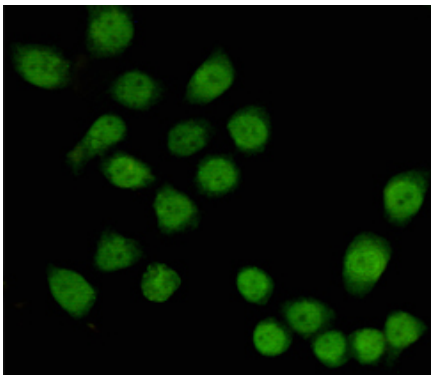
References

Bassi M.T.,et al.Am. J. Hum. Genet. 64:1604-1616(1999).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Ross M.T.,et al.Nature 434:325-337(2005).
Guenther M.G.,et al.Genes Dev. 14:1048-1057(2000).
Li J.,et al.EMBO J. 19:4342-4350(2000).

Images



Western blot detection of TBL1X in SW480 cell lysates using TBL1X mouse mAb (1:1000 diluted).Predicted band size:58KDa.Observed band size:58KDa.



Immunocytochemistry staining of HeLa cells fixed with 4% Paraformaldehyde and using anti-TBL1X mouse mAb (dilution 1:100).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.