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# TBL1 Antibody

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AP53272

## Product Information

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

## Additional Information

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| **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

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| **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). |

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

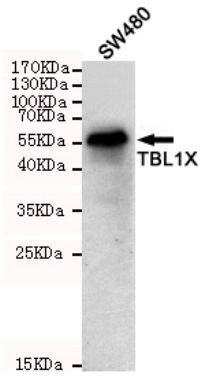
## Background

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.

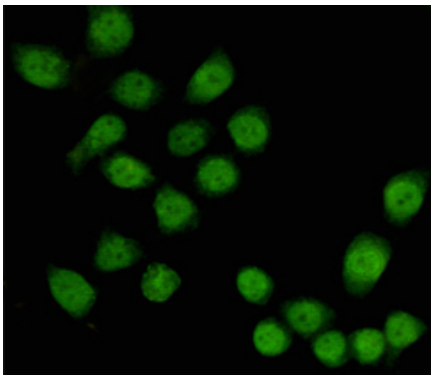
## References


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).