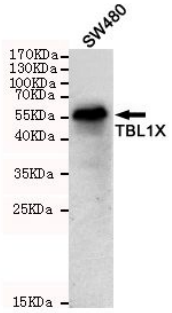
TBL1

Mouse monoclonal Antibody

#53109

Catalog Number: 53109
Amount: 100μg/100μl
Swiss-Prot No. :O60907
Gene name:tbl1x
Gene id:6907
Clone Number： 4H2-D5-E9
Form of Antibody: Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50%,glycerol
Storage/Stability: Store at -20℃/1 year
Immunogen: Purified recombinant human TBL1 protein fragments expressed in E.coil.
Purification: affinity-chromatography
Specificity/Sensitivity: This antibody detects endogenous levels of TBL1 and does not corss-react with related proteins
Reactivity: Human
Applications: Predicted MW: 58 kd WB: 1:1000 ICC:1:100



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

Background : The protein encoded by this gene has sequence similarity with members of the WD40 repeat-containing protein family. The WD40 group is a large family of proteins, which appear to have a regulatory function. It is believed that the WD40 repeats mediate protein-protein interactions and members of the family are involved in signal transduction, RNA processing, gene regulation, vesicular trafficking, cytoskeletal assembly and may play a role in the control of cytotypic differentiation. This encoded protein is found as a subunit in corepressor SMRT (silencing mediator for retinoid and thyroid receptors) complex along with histone deacetylase 3 protein. This gene is located adjacent to the ocular albinism gene and it is thought to be involved in the pathogenesis of the ocular albinism with late-onset sensorineural deafness phenotype. Four transcript variants encoding two different isoforms have been found for this gene. This gene is highly similar to the Y chromosome TBL1Y gene.