
Product Name: KD-Validated Tax1 Binding Protein 1 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01769**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 90.9kDa

Antigen Information

Gene Name	TAX1BP1
Alternative Names	TAX1BP1; Tax1 Binding Protein 1; CALCOCO3; TXBP151; Tax1 (Human T-Cell Leukemia Virus Type I) Binding Protein 1; Tax1-Binding Protein 1; TRAF6-Binding Protein; T6BP
Gene ID	8887.0
SwissProt ID	Q86VP1
Immunogen	A synthesized peptide derived from human TRAF6BP

Background

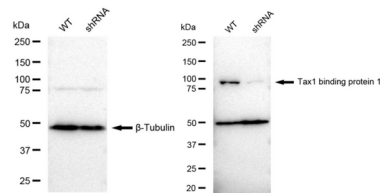
This gene encodes a HTLV-1 tax1 binding protein. The encoded protein interacts with TNFAIP3, and inhibits TNF-induced apoptosis by mediating the TNFAIP3 anti-apoptotic activity. Degradation of this protein by caspase-3-like family proteins is

associated with apoptosis induced by TNF. This protein may also have a role in the inhibition of inflammatory signaling pathways. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, May 2011]

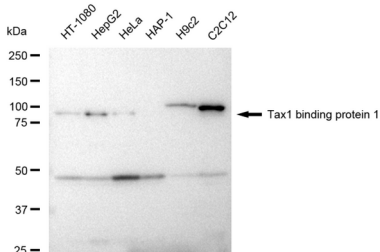
Research Area

Signal Transduction

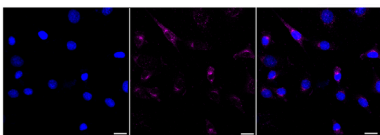
Image Data



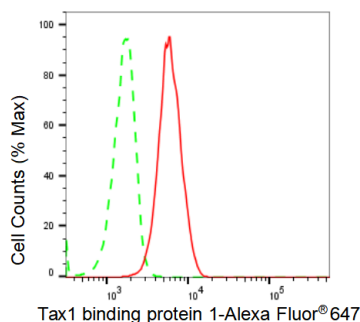
Western blotting analysis using tax1 binding protein 1 antibody (KVA01769). Tax1 binding protein 1 expression in wild type (WT) and tax1 binding protein 1 (TAX1BP1) shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with tax1 binding protein 1 antibody (KVA01769, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using Tax1 binding protein 1 antibody (KVA01769). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with Tax1 binding protein 1 antibody (KVA01769, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of C2C12 cells with Tax1 binding protein 1 antibody (KVA01769, 1:1,000). Nuclei were stained blue with DAPI; Tax1 binding protein 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.



Flow cytometric analysis of Tax1 binding protein 1 expression in C2C12 cells using Tax1 binding protein 1 antibody (KVA01769, 1:2,000). Green, isotype control; red, Tax1 binding protein 1.