

Product Name: KD-Validated VBP1 Mouse Monoclonal Antibody**Catalog #: KVA00274**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,ICC
Reactivity	Human,M
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse 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 1:500-1:2,500; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 22.6kDa

Antigen Information

Gene Name	VBP1 VBP1; VHL Binding Protein 1; PFDN3; PFD3; Von Hippel-Lindau Binding Protein 1; Prefoldin
Alternative Names	Subunit 3; HIBBJ46; VBP-1; Von Hippel-Lindau-Binding Protein 1; VHL-Binding Protein 1; Prefoldin 3
Gene ID	7411.0
SwissProt ID	P61758
Immunogen	Recombinant protein of human VBP1

Background

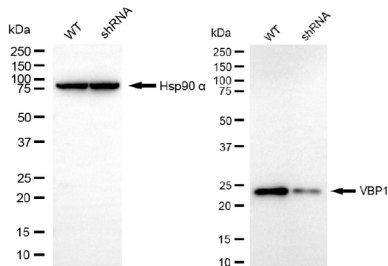
The protein encoded by this gene interacts with the Von Hippel-Lindau protein to form an intracellular complex. The encoded protein functions as a chaperone protein, and may play a role in the transport of the Von Hippel-Lindau protein from the

perinuclear granules to the nucleus or cytoplasm. Alternative splicing and the use of alternate transcription start sites results in multiple transcript variants encoding different protein isoforms. [provided by RefSeq, Jan 2015]

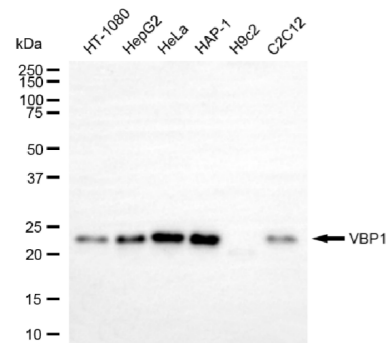
Research Area

Signal Transduction

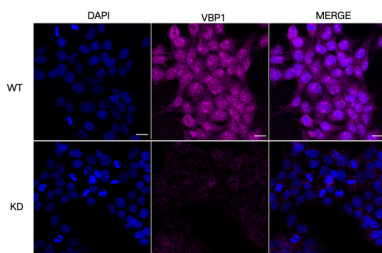
Image Data



Western blotting analysis using VBP1 antibody (KVA00274). VBP1 expression in wild-type (WT) and VBP1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with VBP1 antibody (KVA00274, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using VBP1 antibody (KVA00274). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with VBP1 antibody (KVA00274, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Immunocytochemical staining of HeLa cells using VBP1 antibody (KVA00274, 1:1,000). Top panel: wild-type (WT); Bottom panel: VBP1 shRNA knockdown (KD). Nuclei were stained blue with DAPI; VBP1 was stained magenta with Alexa Fluor® 647. Scale bar, 20 µm.