
Product Name: KD-Validated Huntingtin Interacting Protein 1 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01567**

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: 116.2kDa

Antigen Information

Gene Name	HIP1
Alternative Names	HIP1; Huntingtin Interacting Protein 1; ILWEQ; Huntingtin-Interacting Protein 1; Huntingtin-Interacting Protein I; HIP-I; SHONgamma; SHONbeta; HIP-1; SHON
Gene ID	3092.0
SwissProt ID	O00291
Immunogen	A synthesized peptide derived from human HIP1

Background

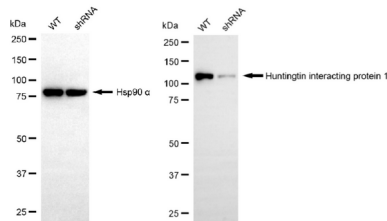
The product of this gene is a membrane-associated protein that functions in clathrin-mediated endocytosis and protein trafficking within the cell. The encoded protein binds to the huntingtin protein in the brain; this interaction is lost in

Huntington's disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

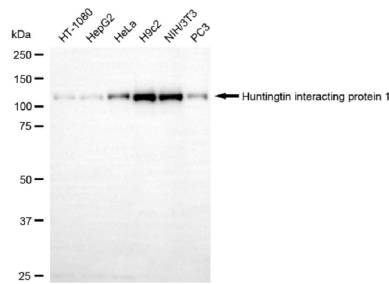
Research Area

Neuroscience

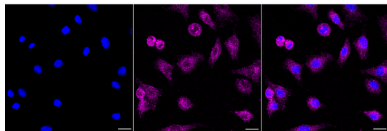
Image Data



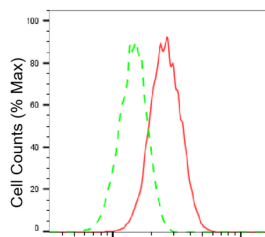
Western blotting analysis using huntingtin interacting protein 1 antibody (KVA01567). Huntingtin interacting protein 1 expression in wild-type (WT) and huntingtin interacting protein 1 (HIP1) shRNA knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with huntingtin interacting protein 1 antibody (KVA01567, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using huntingtin interacting protein 1 antibody (KVA01567). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with huntingtin interacting protein 1 antibody (KVA01567, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of C2C12 cells with Huntingtin interacting protein 1 antibody (KVA01567, 1:1,000). Nuclei were stained blue with DAPI; Huntingtin interacting 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: Low. Scale bar, 20 µm.



Flow cytometric analysis of Huntingtin interacting protein 1 expression in C2C12 cells using Huntingtin interacting protein 1 antibody (KVA01567, 1:2,000). Green, isotype control; red, Huntingtin interacting protein 1.

Huntingtin interacting protein 1-Alexa Fluor® 647