

Product Name: KD-Validated HDHD2 Mouse Monoclonal Antibody**Catalog #: KVA00538**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,ICC
Reactivity	Human,Mouse,Rat
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: 28.5kDa

Antigen Information

Gene Name	HDHD2
Alternative Names	HDHD2; Haloacid Dehalogenase Like Hydrolase Domain Containing 2; Haloacid Dehalogenase-Like Hydrolase Domain-Containing Protein 2; DKFZP564D1378; Haloacid Dehalogenase-Like Hydrolase Domain Containing 2; Epididymis Secretory Sperm Binding Protein; Epididymis Secretory Protein Li 301; 3110052N05Rik; HEL-S-301
Gene ID	84064.0
SwissProt ID	Q9H0R4
Immunogen	Recombinant protein of human HDHD2

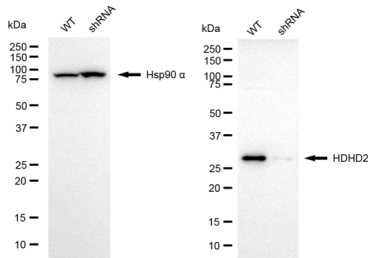
Background

Enables enzyme binding activity. Located in extracellular exosome. [provided by Alliance of Genome Resources, Jul 2025]

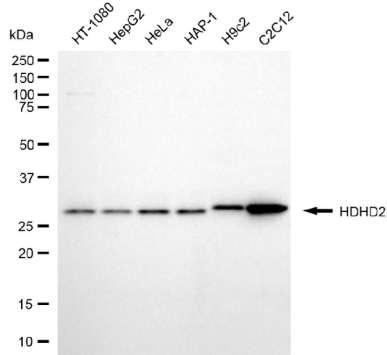
Research Area

Developmental Biology, Neuroscience

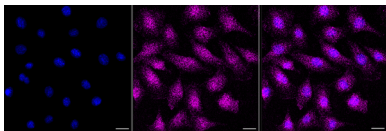
Image Data



Western blotting analysis using HDHD2 antibody (KVA00538). HDHD2 expression in wild-type (WT) and HDHD2 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with HDHD2 antibody (KVA00538, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using HDHD2 antibody (KVA00538). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with HDHD2 antibody (KVA00538, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Immunocytochemical staining of C2C12 cells with HDHD2 antibody (KVA00538, 1:1,000). Nuclei were stained blue with DAPI; HDHD2 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.