

Product Name: KD-Validated Dihydropyrimidinase Like 3 Recombinant Rabbit Monoclonal Antibody

Catalog #: KVA01359

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
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
Molecular Weight	Calculated MW: 62.0kDa

Antigen Information

Gene Name	DPYSL3
Alternative Names	DPYSL3; Dihydropyrimidinase Like 3; DRP-3; CRMP4; ULIP; Dihydropyrimidinase-Related Protein 3; Unc-33-Like Phosphoprotein 1; CRMP-4; ULIP-1; DRP3; Collapsin Response Mediator Protein 4 Long; Collapsin Response Mediator Protein 4; Testicular Secretory Protein Li 7; Dihydropyrimidinase-Like 3; LCRMP; ULIP1
Gene ID	1809.0
SwissProt ID	Q14195
Immunogen	A synthesized peptide derived from human CRMP4

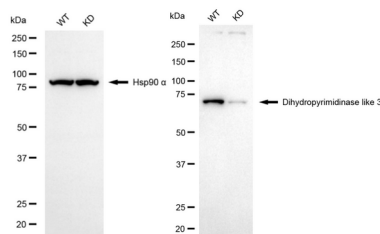
Background

Enables filamin binding activity. Predicted to be involved in several processes, including actin filament organization; regulation of plasma membrane bounded cell projection organization; and response to axon injury. Predicted to act upstream of or within nervous system development. Predicted to be located in several cellular components, including exocytic vesicle; growth cone; and lamellipodium. Predicted to be part of filamentous actin. Predicted to be active in cytosol and synapse. [provided by Alliance of Genome Resources, Apr 2025]

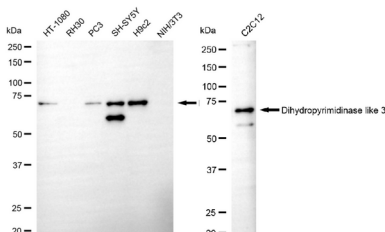
Research Area

Neuroscience

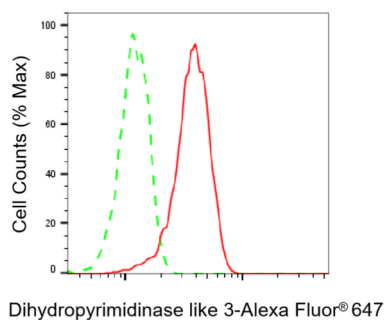
Image Data



Western blotting analysis using dihydropyrimidinase like 3 antibody (KVA01359). Dihydropyrimidinase like 3 expression in wild-type (WT) and dihydropyrimidinase like 3 (DPYSL3) knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with dihydropyrimidinase like 3 antibody (KVA01359, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using dihydropyrimidinase like 3 antibody (KVA01359). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with dihydropyrimidinase like 3 antibody (KVA01359, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Flow cytometric analysis of Dihydropyrimidinase like 3 expression in HT-1080 cells using Dihydropyrimidinase like 3 antibody (KVA01359, 1:2,000). Green, isotype control; red, Dihydropyrimidinase like 3.