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Datasheet for ABIN2786139

anti-LDLRAP1 antibody (C-Term)

1 Image

Overview

Quantity:	100 µL
Target:	LDLRAP1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Horse, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LDLRAP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Mouse Ldlrap1
Sequence:	APLSTVSANT NNVDETPRPQ VLGNNVWWE LDDGLDEAFS RLAQSRTNPQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against Ldlrap1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	LDLRAP1
Alternative Name:	Ldlrap1 (LDLRAP1 Products)

Target Details

Background: Ldlrap1 is an adapter protein (clathrin-associated sorting protein (CLASP)) required for efficient endocytosis of the LDL receptor (LDLR) in polarized cells such as hepatocytes and lymphocytes, but not in non-polarized cells (fibroblasts). It may be required for LDL binding and internalization but not for receptor clustering in coated pits. It may facilitate the endocytosis of LDLR and LDLR-LDL complexes from coated pits by stabilizing the interaction between the receptor and the structural components of the pits. Ldlrap1 may also be involved in the internalization of other LDLR family members. Ldlrap1 binds to phosphoinositides, which regulate clathrin bud assembly at the cell surface.

Alias Symbols: AA691260, ARH2, Arh, Arh1, FHCB1, FHCB2

Protein Interaction Partner: Foxp3, Lrp1,

Protein Size: 264

Molecular Weight: 29 kDa

Gene ID: 100017

NCBI Accession: [NM_145554](#), [NP_663529](#)

Pathways: [Lipid Metabolism](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 264 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

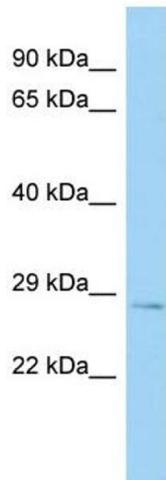
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. Host: Rabbit Target Name: Ldlrap1 Sample Type: Mouse Testis lysates Antibody Dilution: 1.0ug/ml