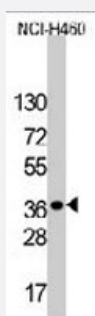


# LDLRAP1 polyclonal antibody

Catalog # PAB3211

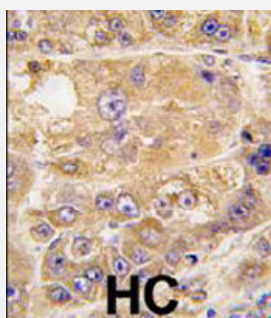
Size 400 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of LDLRAP1 polyclonal antibody (Cat # PAB3211) in NCI-H460 cell line lysates (35 ug/lane). LDLRAP1 (arrow) was detected using the purified polyclonal antibody (1 : 60 dilution).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma reacted with LDLRAP1 polyclonal antibody (Cat # PAB3211), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of LDLRAP1.
<b>Immunogen</b>	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human LDLRAP1.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Protein A purification

<b>Recommend Usage</b>	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:10-50) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.09% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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## Gene Info — LDLRAP1

<b>Entrez GeneID</b>	<a href="#">26119</a>
<b>Protein Accession#</b>	<a href="#">NP_056442;Q5SW96</a>
<b>Gene Name</b>	LDLRAP1
<b>Gene Alias</b>	ARH, ARH1, ARH2, DKFZp586D0624, FHCB1, FHCB2, MGC34705
<b>Gene Description</b>	low density lipoprotein receptor adaptor protein 1
<b>Omim ID</b>	<a href="#">603813 605747</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	The protein encoded by this gene is a cytosolic protein which contains a phosphotyrosine binding (PTD) domain. The PTD domain has been found to interact with the cytoplasmic tail of the LDL receptor. Mutations in this gene lead to LDL receptor malfunction and cause the disorder autosomal recessive hypercholesterolaemia. [provided by RefSeq]
<b>Other Designations</b>	LDL receptor adaptor protein OTTHUMP00000008526 autosomal recessive hypercholesterolemia protein

## Publication Reference

- [The adaptor protein Dab2 sorts LDL receptors into coated pits independently of AP-2 and ARH.](#)

Maurer ME, Cooper JA.

Journal of Cell Science 2006 Oct; 119(Pt 20):4235.

Application: WB-Tr, Human, HeLa cells

- [A single common portal for clathrin-mediated endocytosis of distinct cargo governed by cargo-selective adaptors.](#)

Keyel PA, Mishra SK, Roth R, Heuser JE, Watkins SC, Traub LM.

Molecular Biology of the Cell 2006 Oct; 17(10):4300.

## Pathway

- [Endocytosis](#)

## Disease

- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Myocardial Infarction](#)