

Anti-LDLRAD3 Antibody

Catalog # AP53790

Product Information

Application	WB, IF/IC
Primary Accession	Q86YD5
Reactivity	Human, Mouse, Rat, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37419

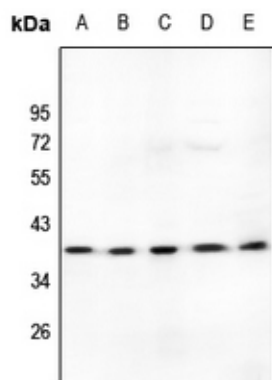
Additional Information

Gene ID	143458
Other Names	Low-density lipoprotein receptor class A domain-containing protein 3
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human LDLRAD3. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

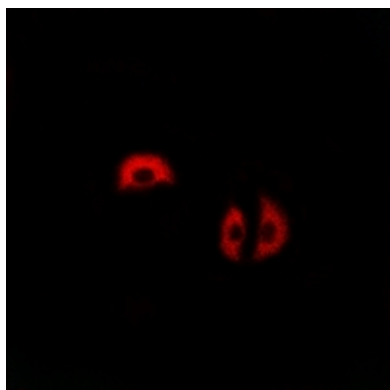
Protein Information

Name	LDLRAD3 (HGNC:27046)
Synonyms	LRAD3
Function	May influence APP processing, resulting in a decrease in sAPP-alpha production and increased amyloidogenic P3 peptide production. May regulate ITCH and NEDD4 E3 ligase activity and degradation (PubMed: 26854353).
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Expressed at high levels in brain, lung, skeletal muscle, and pancreas. Expressed at moderate levels in heart, placenta, and kidney but not detected in the liver

Images



Western blot analysis of LDLRAD3 expression in HEK293T (A), A549 (B), PC12 (C), MEF (D), LO2 (E) whole cell lysates. (Predicted band size: 37 kD; Observed band size: 37 kD)



Immunofluorescent analysis of LDLRAD3 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.