Rabbit anti-Human ORMDL3 Polyclonal Antibody | anti-ORMDL3 antibody

ORMDL3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234690	**Rabbit**	**Human**	**Immunofluorescence, Immunohistochemistry, ELISA**

PRODUCT SYNONYMS

ORMDL3; Polyclonal Antibody; ORMDL3 Antibody; ORM1-like protein 3; anti-ORMDL3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	153
Applicable Applications for anti-ORMDL3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human ORM1-like protein 3 protein (43-94AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES

IF (Immunofluorescence)
Immunofluorescence staining of PC3 cells with AAA234690 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C.The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG (H+L).

IHC (Immunohistochemistry)
IHC image of AAA234690 diluted at 1:500 and staining in paraffin-embedded human lung tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-ORMDL3 antibody	Negative regulator of sphingolipid synthesis. May indirectly regulate endoplasmic reticulum-mediated Ca(+2) signaling.
Product Categories/Family for anti-ORMDL3 antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	1003088803
NCBI GeneID	94103
NCBI Accession #	NP_001307730.1
NCBI GenBank Nucleotide #	NM_001320801.1
UniProt Accession #	Q8N138; Q6UY83; B3KS83
Molecular Weight	15,689 Da
NCBI Official Full Name	ORM1-like protein 3
NCBI Official Synonym Full Names	ORMDL sphingolipid biosynthesis regulator 3
NCBI Official Symbol	ORMDL3
NCBI Protein Information	ORM1-like protein 3
UniProt Protein Name	ORM1-like protein 3
UniProt Gene Name	**ORMDL3**

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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