

LRBA Rabbit pAb

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Catalog # AP57057

Product Information

Application	WB
Primary Accession	P50851
Reactivity	Human
Predicted	Dog, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	319108
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LRBA
Epitope Specificity	2001-2143/2143
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell membrane. Endoplasmic reticulum. Golgi apparatus > trans-Golgi network. Lysosome.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this gene is a member of the WDL-BEACH-WD (WBW) gene family. Its expression is induced in B cells and macrophages by bacterial lipopolysaccharides (LPS). The encoded protein associates with protein kinase A and may be involved in leading intracellular vesicles to activated receptor complexes, which aids in the secretion and/or membrane deposition of immune effector molecules. Defects in this gene are associated with the disorder common variable immunodeficiency-8 with autoimmunity. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2012]

Additional Information

Gene ID	987
Other Names	Lipopolysaccharide-responsive and beige-like anchor protein, Beige-like protein, CDC4-like protein, LRBA {ECO:0000303 PubMed:15554694, ECO:0000312 HGNC:HGNC:1742}
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

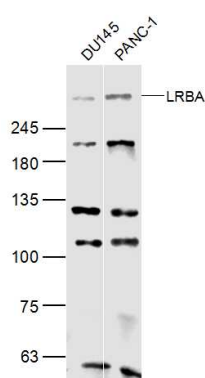
Protein Information

Name	LRBA {ECO:0000303 PubMed:15554694, ECO:0000312 HGNC:HGNC:1742}
Function	Involved in coupling signal transduction and vesicle trafficking to enable polarized secretion and/or membrane deposition of immune effector molecules (By similarity). Involved in phagophore growth during mitophagy by regulating ATG9A trafficking to mitochondria (PubMed: 33773106).
Cellular Location	Cell membrane {ECO:0000250 UniProtKB:Q9ESE1}; Single-pass membrane protein. Endoplasmic reticulum membrane {ECO:0000250 UniProtKB:Q9ESE1}; Single-pass membrane protein. Golgi apparatus, trans-Golgi network membrane; Single-pass membrane protein. Lysosome membrane {ECO:0000250 UniProtKB:Q9ESE1}; Single-pass membrane protein
Tissue Location	Ubiquitous..

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Images



Sample:

DU145(Human) Cell Lysate at 40 ug

PANC-1(Human) Cell Lysate at 40 ug

Primary: Anti-LRBA (AP57057) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 319 kD

Observed band size: 319 kD

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