

Rabbit anti-Human LPIN2 Polyclonal Antibody | anti-LPIN2 antibody

LPIN2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288960	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay

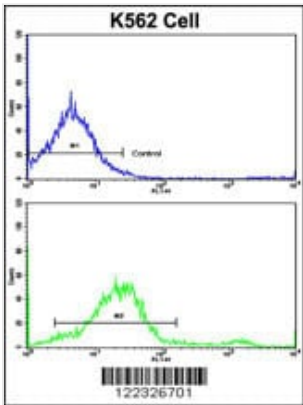
PRODUCT SYNONYMS

LPIN2; Polyclonal Antibody; LPIN2 Antibody (Center); Phosphatidate phosphatase LPIN2; Lipin-2; KIAA0249; anti-LPIN2 antibody

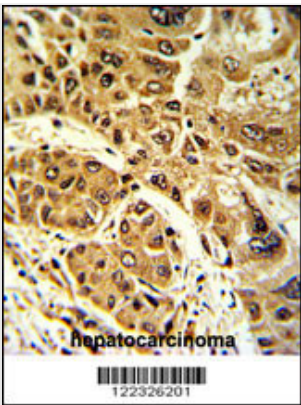
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This LPIN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 262-288 amino acids from the Central region of human LPIN2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	262-288
Sequence Length	896
Applicable Applications for anti-LPIN2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

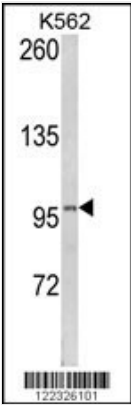
IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of K562 cells using LPIN2 Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma with LPIN2 Antibody (Center), 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.



WB (Western Blot)
Western blot analysis of LPIN2 Antibody (Center) in K562 cell line lysates (35ug/lane).LPIN2 (arrow) was detected using the purified Pab.(2ug/ml)

ADDITIONAL INFORMATION

Related Product Information for anti-LPIN2 antibody	Defects in LPIN2 are the cause of Majeed syndrome. Majeed syndrome is an autosomal recessive disorder combining features of chronic recurrent multifocal osteomyelitis, congenital dyserythropoietic anemia and inflammatory dermatosis.
Product Categories/Family for anti-LPIN2 antibody	Cardiovascular; Metabolism; Signal transduction
References	Olsen,J.V., et.al., Cell 127 (3), 635-648 (2006) Ferguson,P.J., et.al., J. Med. Genet. 42 (7), 551-557 (2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	7662022
NCBI GeneID	9663
NCBI Accession #	NP_055461.1
NCBI GenBank Nucleotide #	NM_014646.2
UniProt Accession #	Q92539; A7MD25; D3DUH3
Molecular Weight	99399

NCBI Official Full Name	phosphatidate phosphatase LPIN2
NCBI Official Synonym Full Names	lipin 2
NCBI Official Symbol	LPIN2
NCBI Protein Information	phosphatidate phosphatase LPIN2
UniProt Protein Name	Phosphatidate phosphatase LPIN2
UniProt Gene Name	LPIN2
UniProt Synonym Gene Names	KIAA0249
UniProt Entry Name	LPIN2_HUMAN

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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Online datasheet: <https://www.aaabiotech.com/polyclonal/lpin2-antibody-immunohistochemistry-western-blot-flow-cytometry-elisa/288960>