

Rabbit PLA2G4B Polyclonal Antibody | anti-JMJD7-PLA2G4B antibody

PLA2G4B antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198343	Rabbit	Tested Reactivity: Human Predicted Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

PRODUCT SYNONYMS

PLA2G4B; Polyclonal Antibody; PLA2G4B antibody - N-terminal region; anti-JMJD7-PLA2G4B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Reactivity: Human Predicted Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Sequence	Synthetic peptide located within the following region: AEAALEAVRSELREFPAAARELCVPLAVPYLDKPPTPLHFYRDWVCPNRP
Sequence Length	1012
Applicable Applications for anti-JMJD7-PLA2G4B antibody	WB (Western Blot)
Homology	Cow: 86%; Dog: 93%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 79%; Rabbit: 86%; Rat: 90%
Protein Size (# AA)	1012 amino acids
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PLA2G4B
Blocking Peptide	For anti-JMJD7-PLA2G4B antibody is
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-PLA2G4B Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive

Control: 293T cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-JMJD7-PLA2G4B antibody	This is a rabbit polyclonal antibody against PLA2G4B. It was validated on Western Blot using a cell lysate as a positive control. Target Description: PLA2G4B gene transcribes naturally-occurring mRNAs that are co-transcribed products of the neighboring JMJD7 and PLA2G4B genes. Incompletely processed read-through transcripts from these two loci are abundantly expressed in most tissues, but the function of the predicted protein product has not yet been determined. Alternative splicing of this gene results in different transcript variants, some of which are candidates for nonsense-mediated decay (NMD).The LOC100137047-PLA2G4B mRNAs are naturally occurring co-transcribed products of the neighboring LOC100137047 and PLA2G4B genes. Incompletely processed read-through transcripts from these two loci are abundantly expressed in most tissues, but the function of the predicted protein product has not yet been determined. Alternative splicing of this gene results in different transcript variants, some of which are candidates for nonsense-mediated decay (NMD).
Product Categories/Family for anti-JMJD7-PLA2G4B antibody	Polyclonal; Lymphocyte Signaling; MAPK Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	167860120
NCBI GeneID	100137049
NCBI Accession #	NP_005081
NCBI GenBank Nucleotide #	NM_005090
UniProt Accession #	POC869
Molecular Weight	114kDa
NCBI Official Full Name	cytosolic phospholipase A2 beta
NCBI Official Synonym Full Names	phospholipase A2 group IVB
NCBI Official Symbol	PLA2G4B
NCBI Official Synonym Symbols	HsT16992; cPLA2-beta
NCBI Protein Information	cytosolic phospholipase A2 beta
UniProt Protein Name	Cytosolic phospholipase A2 beta
UniProt Gene Name	PLA2G4B
UniProt Synonym Gene Names	cPLA2-beta
UniProt Entry Name	PA24B_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://stage.aaabiotech.com/polyclonal/pla2g4b-antibody-western-blot-elisa/198343>