

Rabbit CHIA Polyclonal Antibody | anti-CHIA antibody

CHIA antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199146	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Cow, Dog, Horse, Human, Mouse, Pig, Rat	Western Blot

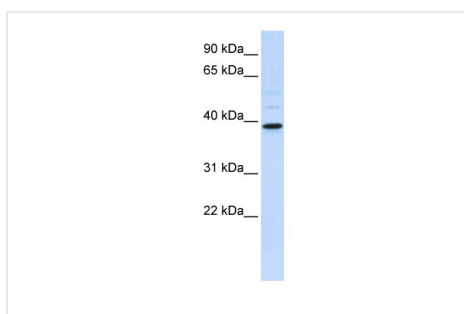
PRODUCT SYNONYMS

CHIA; Polyclonal Antibody; CHIA antibody - middle region; anti-CHIA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Cow, Dog, Horse, Human, Mouse, Pig, 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	0.5mg/mL (varies by lot)
Sequence	Synthetic peptide with the following sequence: GS WEGYTGENSEP LYKYPTDTGS NAYLNVDYVM NYWKDNGAPA EKLIVGFP
Sequence Length	368
Applicable Applications for anti-CHIA antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Horse: 86%; Human: 100%; Mouse: 93%; Pig: 100%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CHIA
Protein Size (#AA)	368 amino acids
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-CHIA Antibody Titration: 0.2-1 ug/mL

ELISA Titer: 1:312500
Positive Control: HeLa cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-CHIA antibody	This is a rabbit polyclonal antibody against CHIA. It was validated on Western Blot using a cell lysate as a positive control. Target Description: CHIA belongs to the glycosyl hydrolase 18 family. Chitinase class II subfamily. It contains 1 chitin-binding type-2 domain. The protein degrades chitin and chitotriose. And it may participate in the defense against nematodes and other pathogens.
Product Categories/Family for anti-CHIA antibody	Polyclonal; Signal Proteins ; Lymphocyte Signaling ; Drugs and Drug Metabolism ; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	42542398
NCBI GeneID	27159
NCBI Accession #	NP_068569
NCBI GenBank Nucleotide #	NM_021797
UniProt Accession #	Q9BZP6
Molecular Weight	40kDa
NCBI Official Full Name	acidic mammalian chitinase isoform a
NCBI Official Synonym Full Names	chitinase acidic
NCBI Official Symbol	CHIA
NCBI Official Synonym Symbols	CHIT2; AMCASE; TSA1902
NCBI Protein Information	acidic mammalian chitinase
UniProt Protein Name	Acidic mammalian chitinase
UniProt Gene Name	CHIA
UniProt Synonym Gene Names	AMCase
UniProt Entry Name	CHIA_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.