

Product datasheet for **TA329463**

AMCase (CHIA) Rabbit Polyclonal Antibody

Product data:

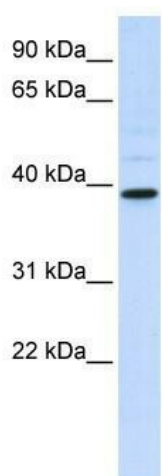
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CHIA antibody: synthetic peptide directed towards the middle region of human CHIA. Synthetic peptide located within the following region: GSWEGYTGENSPLYKYPTDTGSNAYLNVDYVMNYWKDNGAPAEKLIVGFP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	40 kDa
Gene Name:	chitinase, acidic
Database Link:	NP_068569 Entrez Gene 27159 Human Q9BZP6
Background:	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.
Synonyms:	AMCASE; CHIT2; TSA1902
Note:	Immunogen sequence homology: Pig: 100%; Human: 100%; Bovine: 100%; Dog: 93%; Mouse: 93%; Rat: 86%; Horse: 86%
Protein Families:	Secreted Protein



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Protein Pathways: Amino sugar and nucleotide sugar metabolism

Product images:



WB Suggested Anti-CHIA Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: Hela cell lysate