

Rabbit anti-Human, Mouse KRT12 Polyclonal Antibody | anti-KRT12 antibody

KRT12 Antibody

CATALOG # AAA327457	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

KRT12; Polyclonal Antibody; KRT12 Antibody; CK-12; Cytokeratin-12; K12; K1C12_HUMAN; Keratin 12; Keratin; type I cytoskeletal 12; Keratin-12; anti-KRT12 antibody

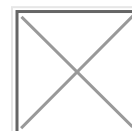
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	KRT12 antibody detects endogenous levels of total KRT12
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	494
Applicable Applications for anti-KRT12 antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human KRT12
Tissue Specificity	Cornea specific.
Predicted Cross Reactivity	Pig, Bovine, Sheep, Rabbit, Dog
Similarity	Pig (82%), Bovine (82%), Sheep (82%), Rabbit (91%), Dog (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Western blot analysis of extracts from 293, using KRT12 Antibody.


WB (Western Blot)

Western blot analysis of KRT12 using Jurkat whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-KRT12 antibody	Function: May play a unique role in maintaining the normal corneal epithelial function. Together with KRT3, essential for the maintenance of corneal epithelium integrity (By similarity). Subunit Structure: Heterotetramer of two type I and two type II keratins. Keratin-3 associates with keratin-12. Similarity: Belongs to the intermediate filament family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557699
NCBI GeneID	3859
NCBI Accession #	NP_000214.1
NCBI GenBank Nucleotide #	NM_000223.3
UniProt Accession #	Q99456; B2R9E0
Molecular Weight	Observed: 54 kDa Predicted: 54 kDa
NCBI Official Full Name	keratin, type I cytoskeletal 12
NCBI Official Synonym Full Names	keratin 12
NCBI Official Symbol	KRT12
NCBI Official Synonym Symbols	K12
NCBI Protein Information	keratin, type I cytoskeletal 12
UniProt Protein Name	Keratin, type I cytoskeletal 12
UniProt Gene Name	KRT12
UniProt Synonym Gene Names	CK-12; K12

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/krt12-antibody-western-blot-elisa/327457>