

Rabbit Cytokeratin 13 Polyclonal Antibody | anti-KRT13 antibody

Cytokeratin 13 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321794	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

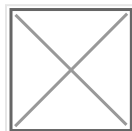
PRODUCT SYNONYMS

Cytokeratin 13; Polyclonal Antibody; Cytokeratin 13 Antibody; 47 kDa cytokeratin; CK-13; CK13; Cytokeratin-13; K13; K1C13_HUMAN; Ka13; Keratin 13; Keratin; keratin type I cytoskeletal 13; Keratin-13; Krt-1.13; Krt1-13; KRT13; MGC161462; MGC3781; type I cytoskeletal 13; Type I keratin Ka13; WSN2; anti-KRT13 antibody

PRODUCT SPECIFICATIONS

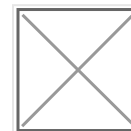
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Cytokeratin 13 antibody detects endogenous levels of total Cytokeratin 13
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	420
Applicable Applications for anti-KRT13 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Cytokeratin 13
Tissue Specificity	Expressed in some epidermal sweat gland ducts (at protein level) and in exocervix, esophagus and placenta.
Predicted Cross Reactivity	Horse, Dog
Similarity	Horse (82%), Dog (91%)
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 A431 whole cell lysates, using Cytokeratin 13 Antibody. The lane on the Right is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA321794 at 1/100 staining human colon cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IHC (Immunohistochemistry)

IHC analysis of colon tissue, using Cytokeratin 13 Antibody at 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT13 antibody	Description: Cytokeratin 13 is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Function: There are two types of cytoskeletal and microfibrillar keratin: I (acidic; 40-55 kDa) and II (neutral to basic; 56-70 kDa). Subunit Structure: Heterotetramer of two type I and two type II keratins. keratin-13 is generally associated with keratin-4. Post-translational Modifications: O-glycosylated; glycans consist of single N-acetylglucosamine residues. Similarity: Belongs to the intermediate filament family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	131412228
NCBI GeneID	3860
NCBI Accession #	NP_002265.2
NCBI GenBank Nucleotide #	NM_002274.3
UniProt Accession #	P13646; Q53G54; Q6AZK5; Q8N240
Molecular Weight	Observed: 50 kDa Predicted: 50 kDa
NCBI Official Full Name	keratin, type I cytoskeletal 13 isoform b
NCBI Official Synonym Full Names	keratin 13
NCBI Official Symbol	KRT13
NCBI Official Synonym Symbols	K13; CK13; WSN2
NCBI Protein Information	keratin, type I cytoskeletal 13
UniProt Protein Name	Keratin, type I cytoskeletal 13
UniProt Gene Name	KRT13
UniProt Synonym Gene Names	CK-13; K13

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/cytokeratin-13-antibody-immunohistochemistry-western-blot-elisa/321794>