

Rabbit KRT15 Polyclonal Antibody | anti-KRT15 antibody

KRT15 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326798	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

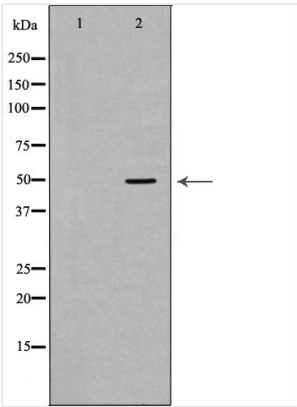
PRODUCT SYNONYMS

KRT15; Polyclonal Antibody; KRT15 Antibody; A1528832; CK 15; CK-15; CK15; Cytokeratin-15; Cytokeratin15; K15; K1C15_HUMAN; K1CO; Ka15; Keratin 15; Keratin 15 basic; Keratin 15 beta; Keratin; Keratin complex 1 acidic gene 15; Keratin type I cytoskeletal 15; Keratin-15; Keratin15; KRT 15; Krt1-15; KRTB; KRTL15; Type I cytoskeletal 15; Type I keratin Ka15; anti-KRT15 antibody

PRODUCT SPECIFICATIONS

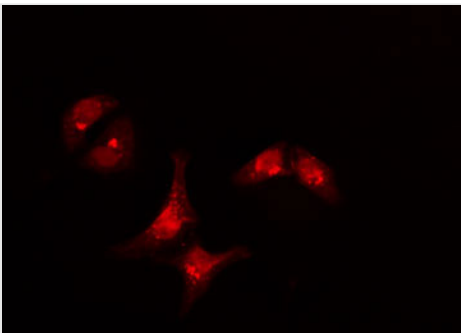
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	KRT15 antibody detects endogenous levels of total KRT15
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	456
Applicable Applications for anti-KRT15 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human KRT15
Tissue Specificity	Expressed in a discontinuous manner in the basal cell layer of adult skin epidermis, but continuously in the basal layer of fetal skin epidermis and nail. Also expressed in the outer root sheath above the hair bulb in hair follicle (at protein level). Expressed homogeneously in all cell layers of the esophagus and exocervix, but detected in the basal cell layer only of oral mucosa, skin and in the basal plus the next two layers of the suprabasal epithelium of the palate.
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 of Mouse thymus tissue lysate, using KRT15 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA326798 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT15 antibody

Description: The protein encoded by this gene 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 and are clustered in a region on chromosome 17q21.2.this gene.
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.
Similarity: Belongs to the intermediate filament family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	24430190
NCBI GeneID	3866
NCBI Accession #	NP_002266.2
NCBI GenBank Nucleotide #	NM_002275.3
UniProt Accession #	P19012; Q53XV8; Q9BUG4; B3KQY1; B3KRA2; E0CX14
Molecular Weight	Observed: 49 kDa Predicted: 50 kDa
NCBI Official Full Name	keratin, type I cytoskeletal 15
NCBI Official Synonym Full Names	keratin 15
NCBI Official Symbol	KRT15
NCBI Official Synonym Symbols	K15; CK15; K1CO
NCBI Protein Information	keratin, type I cytoskeletal 15
UniProt Protein Name	Keratin, type I cytoskeletal 15
UniProt Gene Name	KRT15
UniProt Synonym Gene Names	KRTB; CK-15; K15

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.

