

Rabbit KRT16 Polyclonal Antibody | anti-KRT16 antibody

KRT16 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199079	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep	Western Blot

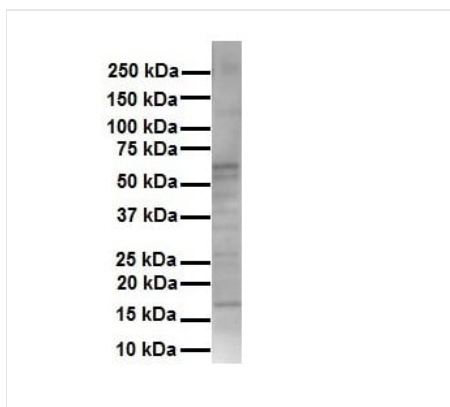
PRODUCT SYNONYMS

KRT16; Polyclonal Antibody; KRT16 antibody - middle region; anti-KRT16 antibody

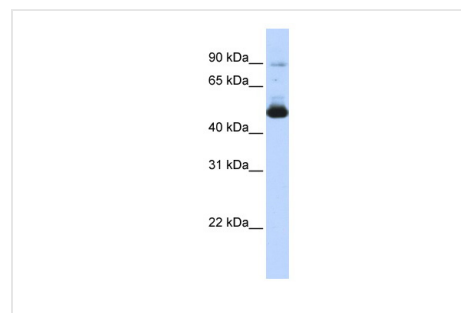
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep
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.
Sequence	Synthetic peptide with the following region: LR KNHEEEMLAL RGQTGGDVNV EMDAAPGVDL SRILNEMRDQ YEQMAEKN
Sequence Length	473
Applicable Applications for anti-KRT16 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 92%; Guinea Pig: 83%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 92%; Rabbit: 92%; Rat: 100%; Sheep: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human KRT16
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-KRT16 antibody Titration: 1 ug/mL Sample Type: Human HepG2


WB (Western Blot)

WB Suggested Anti-KRT16 Antibody Titration: 0.2-1 ug/mL ELISA Titer: 1:312500 Positive Control: Transfected 293T

ADDITIONAL INFORMATION

Related Product Information for anti-KRT16 antibody	This is a rabbit polyclonal antibody against KRT16. It was validated on Western Blot using a cell lysate as a positive control. Target Description: KRT16 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 of chromosome 17q12-q21. This keratin has been coexpressed with keratin 14 in a number of epithelial tissues, including esophagus, tongue, and hair follicles. 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 of chromosome 17q12-q21. This keratin has been coexpressed with keratin 14 in a number of epithelial tissues, including esophagus, tongue, and hair follicles. Mutations in this gene are associated with type 1 pachyonychia congenita, non-epidermolytic palmoplantar keratoderma and unilateral palmoplantar verrucous nevus. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-KRT16 antibody	Polyclonal; Transcription Factor; Signal Proteins; Chromatin & Nuclear Signaling; Disease Related; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	24430192
NCBI GeneID	3868
NCBI Accession #	NP_005548
NCBI GenBank Nucleotide #	NM_005557
UniProt Accession #	P08779
Molecular Weight	51kDa
NCBI Official Full Name	keratin, type I cytoskeletal 16
NCBI Official Synonym Full Names	keratin 16
NCBI Official Symbol	KRT16
NCBI Official Synonym Symbols	K16; PC1; CK16; K1CP; NEPPK; FNEPPK; KRT16A
NCBI Protein Information	keratin, type I cytoskeletal 16
UniProt Protein Name	Keratin, type I cytoskeletal 16
UniProt Gene Name	KRT16
UniProt Synonym Gene Names	KRT16A; CK-16; K16
UniProt Entry Name	K1C16_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.