

Rabbit anti-Human KRT16 Polyclonal Antibody | anti-KRT16 antibody

KRT16 Antibody

CATALOG # AAA301786	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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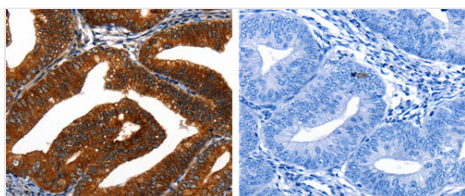
PRODUCT SYNONYMS

KRT16; Polyclonal Antibody; KRT16 Antibody; Keratin; type I cytoskeletal 16; K16; CK16; K1CP; NEPPK; FNEPPK; KRT16A; anti-KRT16 antibody

PRODUCT SPECIFICATIONS

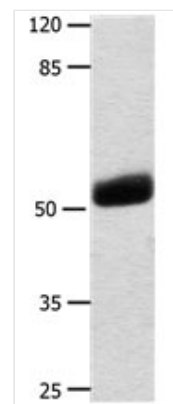
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total KRT16 protein.
Form/Format	Supplied at 1.1mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	473
Applicable Applications for anti-KRT16 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide-KLH
Immunogen Description	Synthetic peptide corresponding to a region derived from 195-212 amino acids of Human Keratin, type I cytoskeletal 16
Target Name	KRT16
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 31172(KRT16 Antibody) at dilution 1/25, on the right is treated with the synthetic peptide.



Application Data

Gel: 10%SDS-PAGE Lysate: 30 ug Human liver tissue lysate Primary antibody: 1/500 dilution
Secondary antibody: Donkey anti Rabbit IgG - H&L (HRP) at 1/5000 dilution Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-KRT16 antibody	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.
Product Categories/Family for anti-KRT16 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	24430192
NCBI GeneID	3868
NCBI Accession #	NP_005548
NCBI GenBank Nucleotide #	NM_005557.3
Molecular Weight	51,268 Da
NCBI Official Full Name	keratin, type I cytoskeletal 16
NCBI Official Synonym Full Names	keratin 16, type I
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/krt16-antibody-immunohistochemistry-western-blot-elisa/301786>