Rabbit anti-Human Cytokeratin 8 Polyclonal Antibody | anti-KRT8 antibody

[KO Validated] Cytokeratin 8 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283191	**Rabbit**	**Human**	**Western Blot**

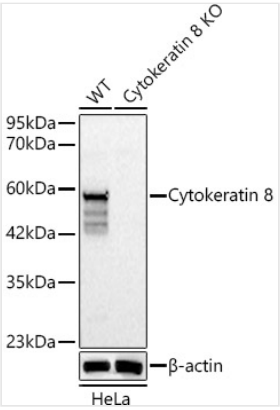
PRODUCT SYNONYMS

Cytokeratin 8; Polyclonal Antibody; [KO Validated] Cytokeratin 8 Rabbit pAb; K8; KO; CK8; CK-8; CYK8; K2C8; CARD2; 8; anti-KRT8 antibody

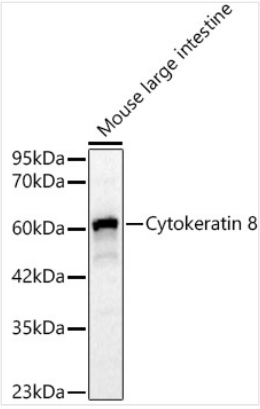
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	VKLALDIEIA TYRKLLEGEE SRLESGMQNM SIHTKTTSGY AGGLSSAYGG LTSPGLSYSL GSSFGSGAGS SSFSRTSSSR AVVVKKIETR DGKLVSESSD V
Applicable Applications for anti-KRT8 antibody	WB (Western Blot)
Cross Reactivity	Human, Mouse
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 380-480 of human Cytokeratin 8 (NP_002264.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of lysates from wild type(WT) and Cytokeratin 8 knockout (KO) HeLa cells, using Cytokeratin 8 Rabbit pAb (AAA283191) at 1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 0.5s.



WB (Western Blot)
Western blot analysis of lysates from Mouse large intestine, using Cytokeratin 8 Rabbit pAb (AAA283191) at 1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT8 antibody	This gene is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. The product of this gene typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis. Alternatively spliced transcript variants have been found for this gene.
Product Categories/Family for anti-KRT8 antibody	Cancer; Invasion and Metastasis; Signal Transduction; Cell Biology Developmental Biology; Cell Adhesion; Cytoskeleton; Intermediate Filaments; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	372466577
NCBI GeneID	3856
NCBI Accession #	NP_001243222.1
NCBI GenBank Nucleotide #	NM_001256293.1
UniProt Accession #	P05787; Q14099; Q14716; Q14717; Q53GJ0; Q6DHW5; Q6GMY0; Q6P4C7; Q96J60; A8K4H3; B0AZN5; F8VXB4
Molecular Weight	Calculated MW: 54kDa Observed MW: 62kDa
UniProt Protein Name	Keratin, type II cytoskeletal 8
UniProt Gene Name	**KRT8**
UniProt Synonym Gene Names	CYK8; CK-8; K8
UniProt Entry Name	K2C8_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.

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Online datasheet: https://www.aaabiotech.com/polyclonal/cytokeratin-8-antibody-western-blot-elisa/283191