

Rabbit KRT2A Polyclonal Antibody | anti-KRT2 antibody

KRT2A antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198978	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot, Immunohistochemistry

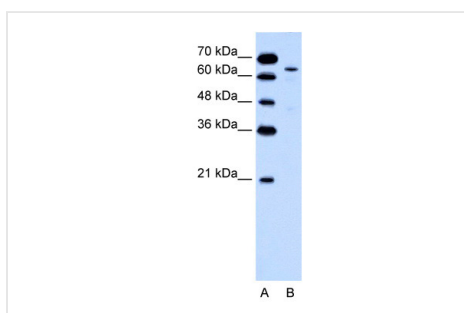
PRODUCT SYNONYMS

KRT2A; Polyclonal Antibody; KRT2A antibody - middle region; anti-KRT2 antibody

PRODUCT SPECIFICATIONS

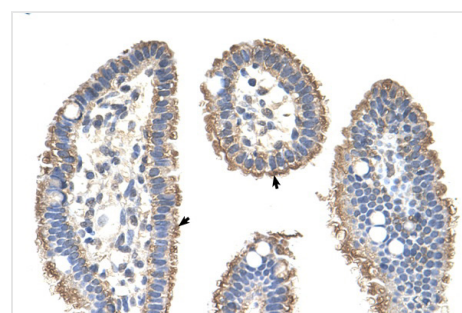
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EV KAQYEEIAQR SKEEAEALYH SKYEELQVTV GRHGDSLKEI KIEISELN
Sequence Length	639
Applicable Applications for anti-KRT2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 79%; Dog: 100%; Guinea Pig: 79%; Horse: 88%; Human: 100%; Mouse: 93%; Pig: 93%; Rabbit: 79%; Rat: 81%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human KRT2A
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



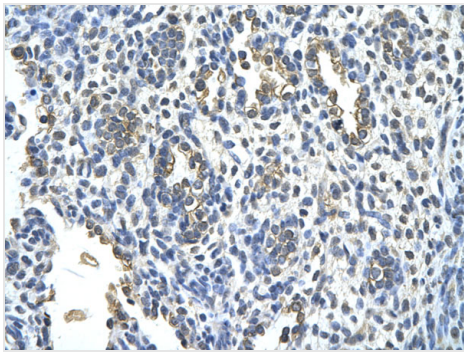
WB (Western Blot)

WB Suggested Anti-KRT2A Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate



IHC (Immunohistochemistry)

Rabbit Anti-KRT2A Antibody Paraffin Embedded Tissue: Human Intestine Cellular Data: Epithelial cells of intestinal villi Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



IHC (Immunohistochemistry)
 Rabbit Anti-KRT2 AntibodyParaffin Embedded Tissue: Human alveolar cellCellular Data:
 Epithelial cells of renal tubuleAntibody Concentration: 4.0-8.0 ug/mlMagnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-KRT2 antibody	This is a rabbit polyclonal antibody against KRT2A. It was validated on Western Blot and immunohistochemistry Target Description: KRT2A is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is expressed largely in the upper spinous layer of epidermal keratinocytes and mutations in this gene have been associated with bullous congenital ichthyosiform erythroderma.The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is expressed largely in the upper spinous layer of epidermal keratinocytes and mutations in this gene have been associated with bullous congenital ichthyosiform erythroderma. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.
Product Categories/Family for anti-KRT2 antibody	Polyclonal ; Disease Related ; Tissue Specific & Cell Marker ; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	47132620
NCBI GeneID	3849
NCBI Accession #	NP_000414
NCBI GenBank Nucleotide #	NM_000423
UniProt Accession #	P35908
Molecular Weight	70kDa
NCBI Official Full Name	keratin, type II cytoskeletal 2 epidermal
NCBI Official Synonym Full Names	keratin 2
NCBI Official Symbol	KRT2
NCBI Official Synonym Symbols	K2e; KRTE; CK-2e; KRT2A; KRT2E
NCBI Protein Information	keratin, type II cytoskeletal 2 epidermal
UniProt Protein Name	Keratin, type II cytoskeletal 2 epidermal
UniProt Gene Name	KRT2
UniProt Synonym Gene Names	KRT2A; KRT2E; CK-2e; K2e
UniProt Entry Name	K22E_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/krt2a-antibody-western-blot-immunohistochemistry-elisa/198978>