

Rabbit KRT6A Polyclonal Antibody | anti-KRT6A antibody

KRT6A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327329	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

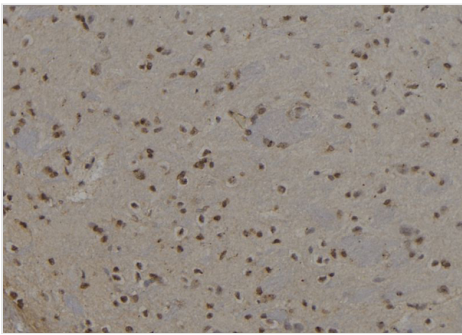
PRODUCT SYNONYMS

KRT6A; Polyclonal Antibody; KRT6A Antibody; CK 4; CK 5; CK 6A; CK 6B; CK 6C; CK 6D; CK 6E; CK4; CK5; CK6A; CK6B; CK6C; CK6D; CYK4; Cytokeratin 4; Cytokeratin 5; Cytokeratin 6A; Cytokeratin 6B; Cytokeratin 6C; Cytokeratin 6D; Cytokeratin 6E; DDD; K4; K5; K6A; K6a keratin; K6B; K6C; K6D; Keratin 5; Keratin 6A; Keratin 6B; Keratin 6C; Keratin 6D; Keratin 6E; Keratin K6h; Keratin; epidermal type II; epidermal; type II; type II cytoskeletal 4; type II cytoskeletal 5; type II cytoskeletal 6B; type II cytoskeletal 6D; KRT5A; KRT6C; KRT6D; KRT6E; anti-KRT6A antibody

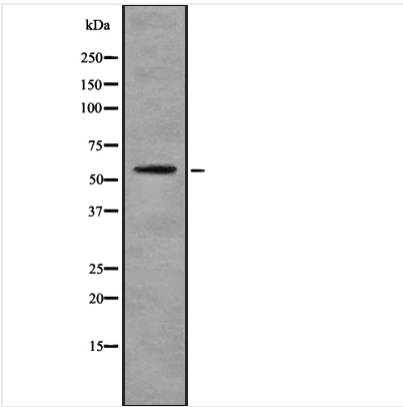
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	KRT6A antibody detects endogenous levels of total KRT6A
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	564
Applicable Applications for anti-KRT6A antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human KRT6A
Tissue Specificity	Constitutively expressed in distinct types of epithelia such as those in oral mucosa, esophagus, papillae of tongue and hair follicle outer root sheath.
Predicted Cross Reactivity	Bovine, Dog
Similarity	Bovine (83%), Dog (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327329 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of KRT6A using HuvEc whole lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT6A antibody	Function: Epidermis-specific type I keratin involved in wound healing. Involved in the activation of follicular keratinocytes after wounding, while it does not play a major role in keratinocyte proliferation or migration. Participates in the regulation of epithelial migration by inhibiting the activity of SRC during wound repair. Subunit Structure: Heterodimer of a type I and a type II keratin. KRT6 isomers associate with KRT16 and/or KRT17 (By similarity). Interacts with TCHP (PubMed:15731013). Similarity: Belongs to the intermediate filament family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031839
NCBI GeneID	3853
NCBI Accession #	NP_005545.1
NCBI GenBank Nucleotide #	NM_005554.4
UniProt Accession #	P02538; P48667; Q08AR4; Q6NT67; Q96CL4; A4QPC1
Molecular Weight	Observed: 60 kDa Predicted: 61 kDa
NCBI Official Full Name	keratin, type II cytoskeletal 6A
NCBI Official Synonym Full Names	keratin 6A
NCBI Official Symbol	KRT6A
NCBI Official Synonym Symbols	K6A; K6C; K6D; PC3; CK6A; CK6C; CK6D; CK-6C; CK-6E; KRT6C; KRT6D
NCBI Protein Information	keratin, type II cytoskeletal 6A
UniProt Protein Name	Keratin, type II cytoskeletal 6A
UniProt Gene Name	KRT6A
UniProt Synonym Gene Names	K6A; KRT6D; CK-6A; CK-6D; K6A

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.