10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Cytokeratin 1 Rabbit mAb

Catalog # AP77300

Product Information

Application	WB, IHC-P
Primary Accession	P04264
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human Cytokeratin 1
Purification	Affinity Chromatography
Calculated MW	66039

Additional Information

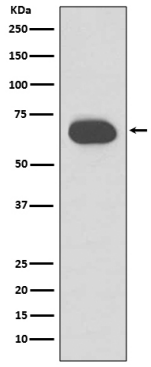
Gene ID	3848
Other Names	KRT1
Dilution	WB~~1/500-1/1000 IHC-P~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

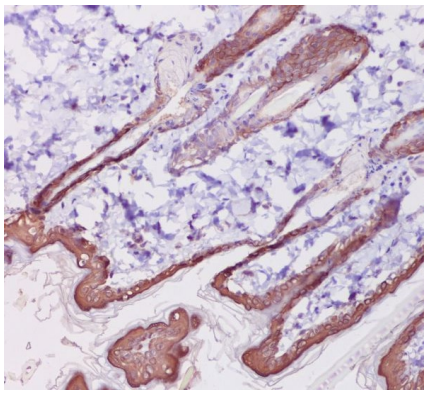
Protein Information

Name	KRT1 (HGNC:6412)
Synonyms	KRTA
Function	Structural component of intermediate filaments in suprabasal keratinocytes of stratified epithelia. Forms heteropolymers with a type I keratin, assembling into keratin intermediate filament networks that provide mechanical strength and structural stability to differentiating epidermal cells (PubMed:1381288). May regulate the activity of kinases such as PKC and SRC by interacting with integrin beta-1 (ITB1) and the receptor of activated protein C kinase 1 (RACK1) (PubMed:17956333, PubMed:21544310). In complex with C1QBP, acts as a high-affinity receptor for kininogen-1 (HMWK) (PubMed:21544310).
Cellular Location	Cell membrane. Cytoplasm
Tissue Location	The source of this protein is neonatal foreskin. The 67-kDa type II keratins are

expressed in terminally differentiating epidermis

Images





Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.