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Cytokeratin 9 Rabbit mAb

Catalog # AP76462

Product Information

Application	WB, IHC-P, IP
Primary Accession	P35527
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	62064

Additional Information

Gene ID	3857
Other Names	KRT9
Dilution	WB~~1:1000-1:5000 IHC-P~~N/A IP~~1:10-1:100
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

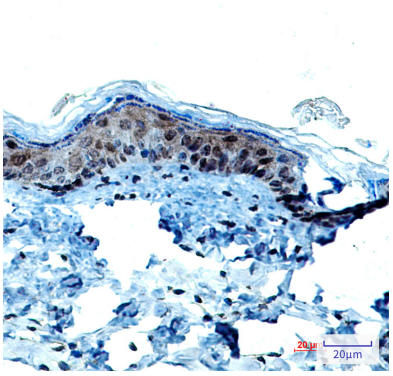
Protein Information

Name	KRT9 (HGNC:6447)
Function	Structural component of intermediate filaments in suprabasal keratinocytes of palmoplantar epidermis. Forms heteropolymers with a type II keratin, assembling into keratin intermediate filament networks that maintain the mechanical integrity of the palmoplantar epidermis.
Tissue Location	Expressed in the terminally differentiated epidermis of palms and soles.

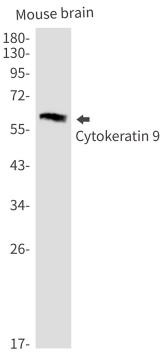
Background

May serve an important special function either in the mature palmar and plantar skin tissue or in the morphogenetic program of the formation of these tissues. Plays a role in keratin filament assembly.

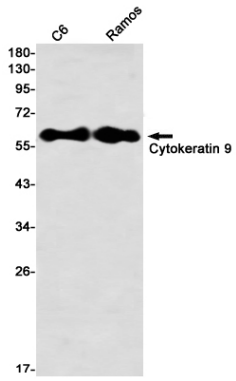
Images



Immunohistochemistry analysis of paraffin-embedded mouse skin using Cytokeratin 9 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of Cytokeratin 9 in mouse brain lysates using Cytokeratin 9 antibody.



Western blot analysis of Cytokeratin 9 in C6, Ramos lysates using Cytokeratin 9 antibody

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