



KR102 mouse mAb

Catalog No	YP-mAb-11646
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	KRTAP10-2 KAP10.2 KAP18-2 KRTAP10.2 KRTAP18-2 KRTAP18.2
Immunogen	Synthesized peptide derived from human KR102 AA range: 173-223
Specificity	This antibody detects endogenous levels of KR102 at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	KR102;KRTAP10-2 KAP10.2 KAP18-2 KRTAP10.2 KRTAP18-2 KRTAP18.2
Observed Band	
Calculated Molecular Weight	
Cell Pathway	keratin filament,
Tissue Specificity	Restricted to a narrow region of the hair fiber cuticle, lying approximately 20 cell layers above the apex of the dermal papilla of the hair root; not detected in any other tissues.
Function	alternative products:A number of isoforms are produced,function:In the hair cortex, hair keratin intermediate filaments are embedded in an interfilamentous matrix, consisting of hair keratin-associated proteins (KRTAP), which are essential for the formation of a rigid and resistant hair shaft through their extensive disulfide bond cross-linking with abundant cysteine residues of hair keratins. The matrix proteins include the high-sulfur and high-glycine-tyrosine keratins.,similarity:Belongs to the KRTAP type 10 family.,subunit:Interacts with hair keratins.,tissue specificity:Restricted to a narrow region of the hair fiber cuticle, lying approximately 20 cell layers above the apex of the dermal papilla of the hair root; not detected in any other tissues.,



Background

This gene encodes a member of the high sulfur-type keratin-associated protein (KAP) family. The KAP proteins form a matrix of keratin intermediate filaments which contribute to the structure of hair fibers. This gene is located in a cluster of similar genes on 21q22.3. Alternatively-spliced transcript variants have been identified. [provided by RefSeq, Jan 2015],

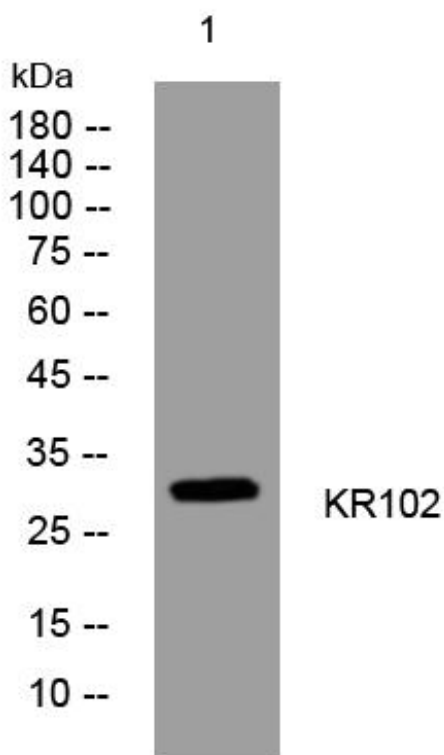
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using KR102 mouse mAb