Best Tools for immunology Research

KRA33 rabbit pAb

Catalog No :	YT7149
Reactivity :	Human;Mouse
Applications :	IHC;IF
Target :	KRA33
Gene Name :	KRTAP3-3 KAP3.3 KRTAP3.3
Protein Name :	KRA33
Human Gene Id :	85293
Human Swiss Prot No :	Q9BYR6
Mouse Swiss Prot No :	Q9D7P0
Immunogen :	Synthesized peptide derived from human KRA33 AA range: 35-85
Specificity :	This antibody detects endogenous levels of KRA33 at Human/Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1□50-200. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	11kD

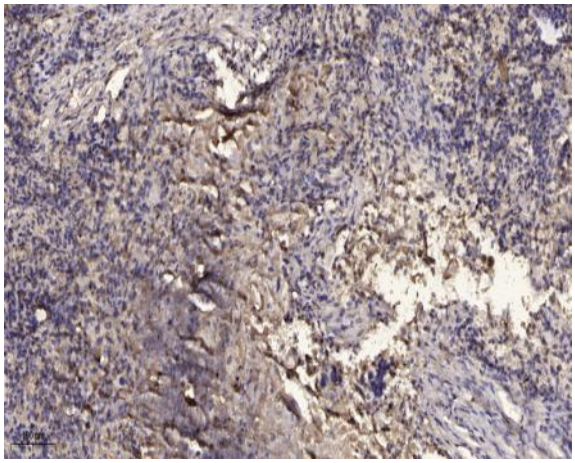
Background : This protein is a member of the keratin-associated protein (KAP) family. The KAP proteins form a matrix of keratin intermediate filaments which contribute to the structure of hair fibers. KAP family members appear to have unique, family-specific amino- and carboxyl-terminal regions and are subdivided into three multi-gene families according to amino acid composition: the high sulfur, the ultrahigh sulfur, and the high tyrosine/glycine KAPs. This protein is a member of the high sulfur KAP family and the gene is localized to a cluster of KAPs at 17q12-q21. [provided by RefSeq, Jul 2008],

Function : 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 3 family.,subunit:Interacts with hair keratins.,tissue specificity:Localized to the upper cortex of the hair shaft.,

Subcellular Location : keratin filament,

Expression : Localized to the upper cortex of the hair shaft.

Products Images



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).