

## KRA33 rabbit pAb

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

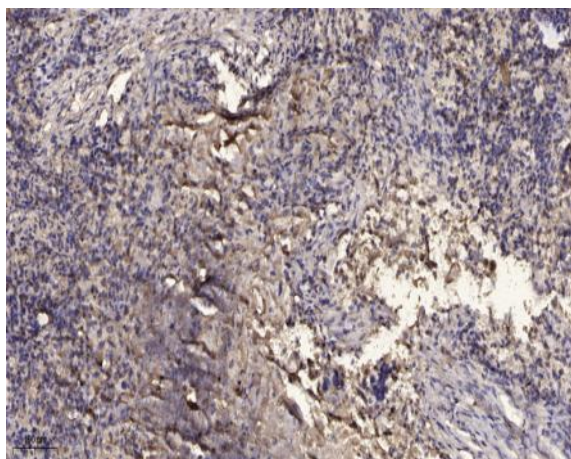
**Sort :** 8996

**No4 :** 1

**Host :** Rabbit

**Modifications :** Unmodified

## 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).