# KRA13 mouse mAb

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| **Catalog No** | YP-mAb-11396 |
| **Isotype** | IgG |
| **Reactivity** | Human;Mouse;Rat |
| **Applications** | WB |
| **Gene Name** | KRTAP1-3 B2B KAP1.2 KAP1.3 KAP1.8 KAP1.9 KRATP1.9 KRTAP1.8 |
| **Immunogen** | Synthesized peptide derived from human KRA13 AA range: 95-145 |
| **Specificity** | This antibody detects endogenous levels of KRA13 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** | KRA13;KRTAP1-3 B2B KAP1.2 KAP1.3 KAP1.8 KAP1.9 KRATP1.9 KRTAP1.8 |
| **Observed Band** | |
| **Calculated Molecular Weight** | |
| **Cell Pathway** | keratin filament, |
| **Tissue Specificity** | Expressed in the middle/upper portions of the hair cortex, in the region termed the keratogenous zone. |
| **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 1 family., subunit:Interacts with hair keratins.,tissue specificity:Expressed in the middle/upper portions of the hair cortex, in the region termed the keratogenous zone., |
| **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- |

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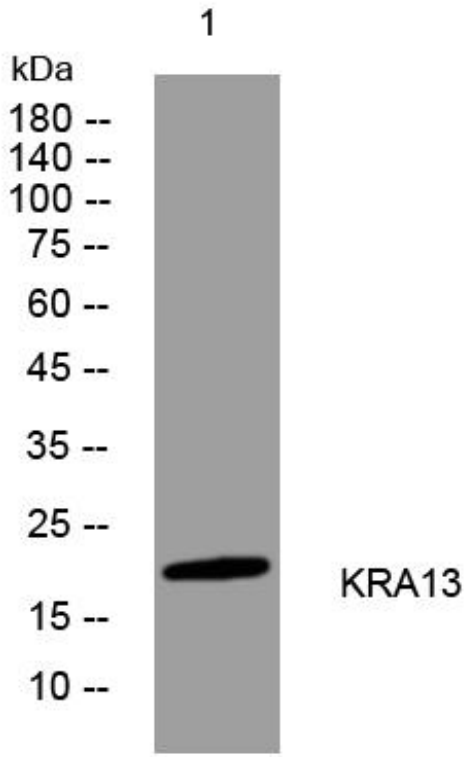
| | specific amino- and carboxyl-terminal regions and are subdivided into three multi-gene families according to amino acid composition: the high sulfur, the ultrahigh sulfur, and the high tyrosine/glycine KAPs. This protein is a member of the high sulfur KAP family and the gene is localized to a cluster of KAPs at 17q12-q21. [provided by RefSeq, Jul 2008], |
| **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 KRA13 mouse mAb