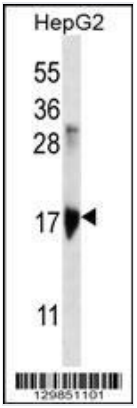
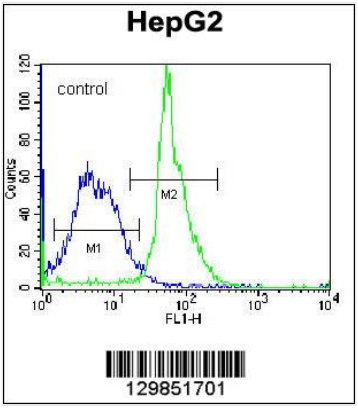
KRTAP1-3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	KRTAP1-3, Polyclonal Antibody
Full Product Name	KRTAP1-3, ID (KRTAP1-3, B2B, KAP1.2, KAP1.3, KAP1.8, KAP1.9, KRATP1.9, KRTAP1.8, Keratin-associated protein 1-3, Keratin-associated protein 1.8, Keratin-associated protein 1.9) (Azide free) (HRP)
Product Gene Name	anti-KRTAP1-3 antibody
Product Synonym Names	KRTAP1-3; B2B; KAP1.2; KAP1.3; KAP1.8; KAP1.9; KRATP1.9; KRTAP1.8; Keratin-associated protein 1-3; Keratin-associated protein 1.8; Keratin-associated protein 1.9
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	18,184 Da
OMIM	608820
3D Structure	ModBase 3D Structure for Q8IUG1
Immunogen	KRTAP1-3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 95-125 amino acids from the Central region of human KRTAP1-3.
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-KRTAP1-3 antibody	Antibodies; Keratin; Cytokeratin
Applications Tested/Suitable for anti-KRTAP1-3 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-KRTAP1-3 antibody	WB: 1:100-500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-KRTAP1-3 antibody	MBS6314858 is an antibody targeting KRTAP1-3. Also known as KRTAP1-3, ID (KRTAP1-3, B2B, KAP1.2, KAP1.3, KAP1.8, KAP1.9, KRATP1.9, KRTAP1.8, Keratin-associated protein 1-3, Keratin-associated protein 1.8, Keratin-associated protein 1.9) (Azide free) (HRP). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-KRTAP1-3 antibody	Shimomura, Y., et al. J. Biol. Chem. 277(47):45493-45501(2002). Rogers, M.A., et al. J. Biol. Chem. 276(22):19440-19451(2001). Zhumabaeva, B.D., et al. Mol. Biol. (Mosk.) 26(4):813-820(1992).
Other Notes	Small volumes of anti-KRTAP1-3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-KRTAP1-3 antibody
KRTAP1-3 Antibody (Center) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the KRTAP1-3 antibody detected the KRTAP1-3 protein (arrow).



Flow Cytometry (FC/FACS) of anti-KRTAP1-3 antibody
KRTAP1-3 Antibody (Center) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KRTAP1-3. It may not necessarily be applicable to this product.

NCBI GI #	13569940
NCBI GeneID	81850
NCBI Accession #	NP_112228.1
UniProt Primary Accession #	Q8IUG1
UniProt Secondary Accession #	Q07628; Q8IUG0; Q9BYS2
UniProt Related Accession #	Q8IUG1
GenBank Nucleotide #	NM_030966.1
NCBI Official Full Name	keratin-associated protein 1-3
NCBI Official Synonym Full Names	keratin associated protein 1-3
NCBI Official Symbol	KRTAP1-3
NCBI Official Synonym Symbols	KAP1.2; KAP1.3; KAP1.6; KAP1.9; KAP1.8A; KAP1.8B; KRTAP1.3
UniProt Protein Name	Keratin-associated protein 1-3
UniProt Synonym Protein Names	Keratin-associated protein 1.8; Keratin-associated protein 1.9
Protein Family	Keratin-associated protein
UniProt Gene Name	KRTAP1-3
UniProt Synonym Gene Names	B2B; KAP1.2; KAP1.3; KAP1.8; KAP1.9; KRATP1.9; KRTAP1.8
UniProt Entry Name	KRA13_HUMAN
NCBI Protein Information	keratin-associated protein 1-3; keratin associated protein 1.6; keratin-associated protein 1.8; keratin-associated protein 1.9
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