KRTAP19-5 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	KRTAP19-5, Polyclonal Antibody
Full Product Name	KRTAP19-5 Antibody; HRP conjugated
Product Gene Name	anti-KRTAP19-5 antibody
Product Synonym Names	Keratin-associated protein 19-5; KRTAP19-5; KAP19.5
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%,Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.
Matching Pairs	Unconjugated Antibody: KRTAP19-5 (MBS7004134) HRP Conjugated Antibody: KRTAP19-5 (MBS7005713)
Molecular Weight	7,624 Da
3D Structure	ModBase 3D Structure for Q3LI72
Immunogen	Recombinant human Keratin-associated protein 19-5 protein
Conjugation	HRP
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-KRTAP19-5 antibody	ELISA (EIA)
Related Product Information for anti-KRTAP19-5 antibody	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.
Other Notes	Small volumes of anti-KRTAP19-5 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.
Searchable Terms for KRTAP19-5 purchase	MBS7005713 is an antibody targeting KRTAP19-5. Also known as KRTAP19-5 Antibody; HRP conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KRTAP19-5. It may not necessarily be applicable to this product.

NCBI GI #	31791022
NCBI GeneID	337972

NCBI Accession #	NP_853642.1
UniProt Primary Accession #	Q3LI72
UniProt Secondary Accession #	A4IF22
UniProt Related Accession #	Q3LI72
GenBank Nucleotide #	NM_181611.1
NCBI Official Full Name	keratin-associated protein 19-5
NCBI Official Synonym Full Names	keratin associated protein 19-5
NCBI Official Symbol	KRTAP19-5
NCBI Official Synonym Symbols	KAP19.5
UniProt Protein Name	Keratin-associated protein 19-5
Protein Family	Keratin-associated protein
UniProt Gene Name	KRTAP19-5
UniProt Synonym Gene Names	KAP19.5
UniProt Entry Name	KR195_HUMAN
NCBI Protein Information	keratin-associated protein 19-5
UniProt Comments for KRTAP19-5	KRTAP19-5: 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. Belongs to the KRTAP type 19 family. Chromosomal Location of Human Ortholog: 21q22.1 Cellular Component: intermediate filament Molecular Function: protein binding
Research Articles on KRTAP19-5	**1.** The KRTAP19-5 promoter is activated by Trichostatin A (TSA) treatment and by serum depletion according to promoter reporter assays in HEK 293 cells.
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