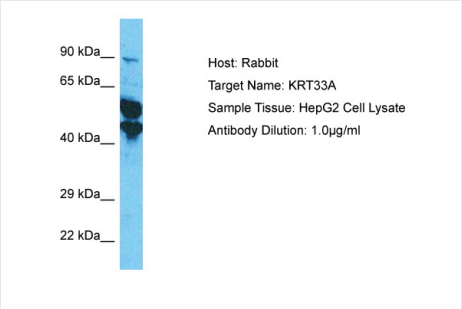
KRT33A Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	KRT33A, Polyclonal Antibody
Full Product Name	KRT33A Antibody - N-terminal region
Product Gene Name	anti-KRT33A antibody
Product Synonym Gene Name	KRT33A; HHA3-I; HKA3A; KRTHA3A;
Immunogen Sequence	Synthetic peptide located within the following region: IDNAKLASDD FRTKYETELS LRQLVESDIN GLRRILDELT LCRSDLEAQV
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity Purified
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	KRT33A peptide (MBS3243480) is used for blocking the activity of KRT33A antibody (MBS3218587)
Molecular Weight	44kDa
OMIM	602761
3D Structure	ModBase 3D Structure for O76009
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human KRT33A
Product Categories/Family for anti-KRT33A antibody	Polyclonal; Various
Applications Tested/Suitable for anti-KRT33A antibody	Western Blot (WB)
Related Product Information for anti-KRT33A antibody	This is a rabbit polyclonal antibody against KRT33A. It was validated on Western Blot Target Description: This gene encodes a member of the keratin gene family. This gene is one of multiple type I hair keratin genes that are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription. As a type I hair keratin, the encoded protein is an acidic protein which heterodimerizes with type II keratins to form hair and nails. There are two isoforms of this protein, encoded by two separate genes, keratin 33A and keratin 33B.
Other Notes	Small volumes of anti-KRT33A 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 KRT33A purchase	MBS3218587 is an antibody targeting KRT33A. Also known as KRT33A Antibody - N-terminal region. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-KRT33A antibody
Host: RabbitTarget Name: KRT33ASample Type: HepG2 Whole Cell lysatesAntibody Dilution: 1.0ug/ml

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KRT33A. It may not necessarily be applicable to this product.

NCBI GI #	14917117
NCBI GeneID	3883
NCBI Accession #	NP_004129
UniProt Primary Accession #	O76009
UniProt Related Accession #	O76009
GenBank Nucleotide #	NM_004138.3
NCBI Official Full Name	keratin, type I cuticular Ha3-I
NCBI Official Synonym Full Names	keratin 33A
NCBI Official Symbol	KRT33A
NCBI Official Synonym Symbols	HA3I; K33A; Ha-3I; Krt1-3; hHa3-I; KRTHA3A
UniProt Protein Name	Keratin, type I cuticular Ha3-I
UniProt Synonym Protein Names	Hair keratin, type I Ha3-I; Keratin-33A
Protein Family	Keratin
UniProt Gene Name	KRT33A
UniProt Synonym Gene Names	HHA3-I; HKA3A; KRTHA3A; K33A
UniProt Entry Name	KT33A_HUMAN
NCBI Protein Information	keratin, type I cuticular Ha3-I
NCBI Summary for KRT33A	This gene encodes a member of the keratin gene family. This gene is one of multiple type I hair keratin genes that are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription. As a type I hair keratin, the encoded protein is an acidic protein which heterodimerizes with type II keratins to form hair and nails. There are two isoforms of this protein, encoded by two separate genes, keratin 33A and keratin 33B. [provided by RefSeq, May 2012]

UniProt Comments for KRT33A	KRT33A: a member of the keratin gene family. This gene is one of multiple type I hair keratin genes that are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription. As a type I hair keratin, the encoded protein is an acidic protein which heterodimerizes with type II keratins to form hair and nails. There are two isoforms of this protein, encoded by two separate genes, keratin 33A and keratin 33B. [provided by RefSeq, May 2012] Protein type: Cytoskeletal; Motility/polarity/chemotaxis Chromosomal Location of Human Ortholog: 17q21.2 Cellular Component: extracellular space; intermediate filament Molecular Function: structural molecule activity
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