

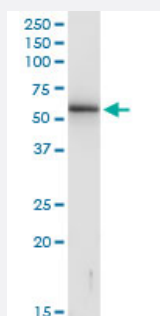
MaxPab®

KRTHB3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003889-B01P

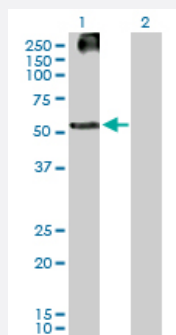
Size 50 ug

Applications



Western Blot (Cell lysate)

KRT83 MaxPab polyclonal antibody. Western Blot analysis of KRT83 expression in HeLa.



Western Blot (Transfected lysate)

Western Blot analysis of KRT83 expression in transfected 293T cell line ([H00003889-T01](#)) by KRT83 MaxPab polyclonal antibody.

Lane 1: KRTHB3 transfected lysate(54.23 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human KRTHB3 protein.

Immunogen

KRTHB3 (AAH69546.1, 1 a.a. ~ 493 a.a) full-length human protein.

Sequence

MTCGFNSIGCGFRPGNFSCVSACGPRPSRCCITAAPYRGISCYRGLTGGFGSHSVCGGFRAGSC
GRSFGYRSGGVCGPSPPCITTVSVNESLLTPLNLEIDPNAQCVKQEEKEQIKSLNSRFAAFIDKVR
FLEQQNKLLLETKLQFYQNRECCQSNLEPLFAGYIETLRREAECVEADSGRLASELNHVQEVLEGY
KKKYEEEEVALRATAENEFVALKKDVEDCAYLRKSDLEANVEALIQEIDFLRRLYEEEIRILQSHISDTS
VVVKLDNSRDNLNMDCAIEIKAQYDDIATRSRAEAESWYRSKCEEMKATVIRHGETLRRTKEEINE
LNRMIQRLTAEVENAKCQNSKLEAAVAQSEQQGEAALSDARCKLAELEGALQKAKQDMACLIRE
YQEVMSKLGDLIEIATYRRLLEGEEQRLCEGVEAVNVCVSSSRGGVCGDLCVSGSRPVTGSV
CSAPCNGNLVVSTGLCKPCGQLNTTCGGGSCGQGRH

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — KRT83

Entrez GeneID	3889
GeneBank Accession#	BC069546.1
Protein Accession#	AAH69546.1
Gene Name	KRT83
Gene Alias	HB3, Hb-3, KRTHB3, MGC141663
Gene Description	keratin 83
Omim ID	158000 602765
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is a member of the keratin gene family. As a type II hair keratin, it is a basic protein which heterodimerizes with type I keratins to form hair and nails. The type II hair keratins are clustered in a region of chromosome 12q13 and are grouped into two distinct subfamilies based on structure similarity. One subfamily, consisting of KRTHB1, KRTHB3, and KRTHB6, is highly related. The other less-related subfamily includes KRTHB2, KRTHB4, and KRTHB5. All hair keratins are expressed in the hair follicle; this hair keratin, as well as KRTHB1 and KRTHB6, is found primarily in the hair cortex. [provided by RefSeq]

Other Designations

hHb3|hard keratin, type II, 3|keratin, hair, basic, 3