

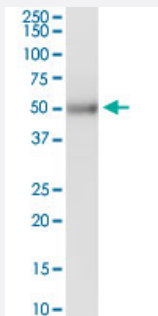
MaxPab®

## KRT83 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00003889-D01

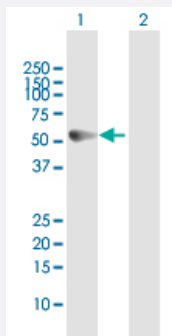
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### Applications



#### Western Blot (Tissue lysate)

KRT83 MaxPab rabbit polyclonal antibody. Western Blot analysis of KRT83 expression in human colon.

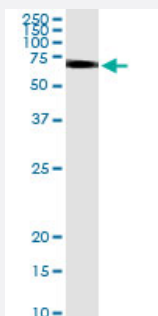


#### Western Blot (Transfected lysate)

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

Lane 1: KRT83 transfected lysate(54.20 kDa).

Lane 2: Non-transfected lysate.



#### Immunoprecipitation

Immunoprecipitation of KRT83 transfected lysate using anti-KRT83 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with KRT83 purified MaxPab mouse polyclonal antibody (B01P) ([H00003889-B01P](#)).

### Specification

#### Product Description

Rabbit polyclonal antibody raised against a full-length human KRT83 protein.

Immunogen	KRT83 (AAH69546.1, 1 a.a. ~ 493 a.a) full-length human protein.
Sequence	MTCGFNSIGCGFRPGNFSCVSACGPRPSRCCITAAPYRGISCYRGLTGGFGSHSVCGGFRAGSC GRSFGYRSGGVCGPSPPCITTVSVNESLLTPLNLEIDPNAQCVKQEEKEQIKSLNSRFAAFIDKVR FLEQQNKLLETKLQFYQNRECCQSNLEPLFAGYETLRREAECVEADSGRLASELNHVQEVLEGY KKKYEEEEVALRATAENEFVALKKDVEDCAYLRKSDLEANVEALIQEIDFLRRLYEEEIRILQSHISDTS VVVKLDNSRDLNMDCVAEIKAQYDDIATRSRAEAESWYRSKCEEMKATVIRHGETLRRTKEEINE LNRMQRLTAEVENAKCQNSKLEAAVAQSEQQGEAALSDARCKLAELEGALQKAKQDMACLIRE YQEVMSKLGLDIEIATYRRLLEGEEQRLCEGVEAVNVCVSSSRGGVCGDLCVSGSRPVTGSV CSAPCNGNLVVSTGLCKPCGQLNTTCGGGSCGQGRH
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Tissue lysate)

KRT83 MaxPab rabbit polyclonal antibody. Western Blot analysis of KRT83 expression in human colon.

[Protocol Download](#)

- Western Blot (Transfected lysate)

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

Lane 1: KRT83 transfected lysate(54.20 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of KRT83 transfected lysate using anti-KRT83 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with KRTHB3 purified MaxPab mouse polyclonal antibody (B01P) ([H00003889-B01P](#)).

[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