Datasheet

KRT82 purified MaxPab mouse polyclonal antibody (B01P)

Catalog Number: H00003888-B01P

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human KRT82 protein.

Immunogen: KRT82 (AAI53100.1, 1 a.a. ~ 513 a.a) full-length human protein.

Sequence:

MSYHSFQPGSRCGSQSFSSYSAVMPRMVTHYAVSKG
PCRPGGGRGLRALGCLGSRSLCNVGFGRPRVASRCG
GTLPGFGYRLGATCGPSACITPVTINESLLVPLALEIDP
TVQRVKRDEKEQIKCLNNRFASFINKVRFLEQKNKLLE
TKWNFMQQQRCCQTNIEPIFEGYISALRRQLDCVSGD
RVRLESELCSLQAALEGYKKKYEEELSLRPCVENEFVA
LKKDVDTAFLMKADLETNAEALVQEIDFLKSLYEEEICL
LQSQISETSVIVKMDNSRELDVDGIIAEIKAQYDDIASRS
KAEAEAWYQCRYEELRVTAGNHCDNLRNRKNEILEM
NKLIQRLQQETENVKAQRCKLEGAIAEAEQQGEAALN
DAKCKLAGLEEALQKAKQDMACLLKEYQEVMNSKLGL
DIEIATYRRLLEGEEHRLCEGIGPVNISVSSSKGAFLYE
PCGVSTPVLSTGVLRSNGGCSIVGTGELYVPCEPQGL
LSCGSGRKSSMTLGAGGSSPSHKH

Host: Mouse

Reactivity: Human

Applications: Det Ab, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3888

Gene Symbol: KRT82

Gene Alias: HB2, Hb-2, KRTHB2

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 keratin appears to be a hair cuticle-specific keratin. [provided by RefSeq]