

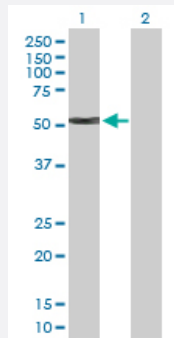
MaxPab®

KRT4 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003851-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of KRT4 expression in transfected 293T cell line ([H00003851-T01](#)) by KRT4 MaxPab polyclonal antibody.

Lane 1: KRT4 transfected lysate(57.30 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human KRT4 protein.

Immunogen

KRT4 (AAH42174.1, 1 a.a. ~ 534 a.a) full-length human protein.

Sequence

MIARQQCVRGGRGFGSCGSAMGGGKRGAFSSVSMGGAGRCSSGGFGSRSLYNLRGNKSISM
SVAGSRQGACFGGAGGFGTGGFGAGGFGAGFGTGGFGGGFGGSFSGKGGPGFPVCPAGGIQ
EVTINQSLLTPLHVEIDPEIQKVRTEEREQIKLLNNKFASFIDKVQFLEQQNKVLETKWNLLQQQTTT
TSSKNLEPLFETYL SVLRKQLD TLGNDKGRLQSELKTMQDSVEDFKTKYEEEINKRTAAENDFVV
LKKDVDAAYLNKVELEAKVDSLND EINF LKVL YDAELS QMQTHVSDTSVVL SMDNNRNL DLD SIIA
EVRAQYEEIAQRSKAEAEALYQTKVQQLQISVDQHGDNLKNTKSEIAELNRMIQRLRAEIEINIKKQC
QTLQVSVADAEQRGENALKDAHSKRVELEAALQQAKEELARMLREYQELMSVKLALDIEIATYRK
LLEGEEYRMSGECQSAVSISVSVSGSTSTGGISGGLGSGSGFGLSSGFGSGSGSGFGFGGSVSG
SSSSKIISTTTLNKRR

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (83)

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](#)

Gene Info — KRT4

Entrez GeneID[3851](#)**GeneBank Accession#**[BC042174.1](#)**Protein Accession#**[AAH42174.1](#)**Gene Name**

KRT4

Gene Alias

CK4, CYK4, FLJ31692, K4

Gene Description

keratin 4

Omim ID[123940](#) [193900](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in differentiated layers of the mucosal and esophageal epithelia with family member KRT13. Mutations in these genes have been associated with White Sponge Nevus, characterized by oral, esophageal, and anal leukoplakia. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provided by RefSeq]

Other Designations

cytokeratin 4|keratin, type II cytoskeletal 4