

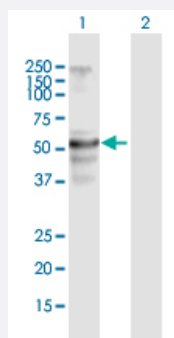
MaxPab®

FLJ39501 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00126410-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CYP4F22 expression in transfected 293T cell line ([H00126410-T01](#)) by CYP4F22 MaxPab polyclonal antibody.

Lane 1: FLJ39501 transfected lysate(58.41 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human FLJ39501 protein.

Immunogen

FLJ39501 (AAH69351, 1 a.a. ~ 531 a.a) full-length human protein.

Sequence

MLPITDRLLHLLGLEKTAFRYAVSTLLLFLFFLRLLRFLRLCRSFYTCRRLRCFPQPPRRNWLL
GHLGMYLPNEAGLQDEKKVLDNMHHVLLVWMGPVLP LLVLVHPDYIKPLL GASAAIAPKDDLFG
FLKPWLGDGLLSKGDKWSRHRLLTPAFHFDILKPYMKIFNQSADIMHAKWRHLAEGSAVSLDM
FEHISLMTLDSLQKCVFSYNSNCQEKMSDYISAIIELSALS VRRQYRLHHYLD FYYRSADGRRFRQA
CDMVHHFTTEVIQERRRALRQQGAEAWLKAKQGKTLDFIDVLLARDEDGKELSD EDIRAEADTF
MFEGHDTTSSGISWMLFNLA KYPEYQEK CREEIQEVMKGRELEEWDDL TQLPFTTMCIKESLR
QYPPVTLVSRQCTEDIKLPDGR IIPKGICLVSIYGTHHNPTVWPDSKVYNPYRFPDNPQQRSPLAY
VPFSAGPRNCIGQSFAMAE LRVVVALTLLRFRLSVDTRK VRRKPELILRTENGLWLKVEPLPPR
A

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (87); Rat (87)

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 — CYP4F22

Entrez GeneID[126410](#)**GeneBank Accession#**[BC069351](#)**Protein Accession#**[AAH69351](#)**Gene Name**

CYP4F22

Gene Alias

FLJ39501, LI3

Gene Description

cytochrome P450, family 4, subfamily F, polypeptide 22

Omim ID[604777 611495](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This gene is part of a cluster of cytochrome P450 genes on chromosome 19 and encodes an enzyme thought to play a role in the 12(R)-lipoxygenase pathway. Mutations in this gene are the cause of ichthyosis lamellar type 3. [provided by RefSeq]

Other Designations

cytochrome P450, family 2, subfamily E, polypeptide 2 homolog

Publication Reference

- [CYP4F22 is highly expressed at the site and timing of onset of keratinization during skin development.](#)

Sasaki K, Akiyama M, Yanagi T, Sakai K, Miyamura Y, Sato M, Shimizu H.

Journal of Dermatological Science 2011 Dec; 65(2):156.

Application: IF, WB, Human, Human skin, HaCaT cells