

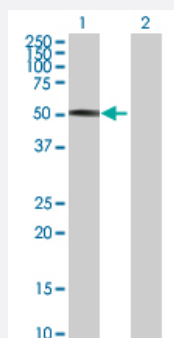
MaxPab®

FOXA2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003170-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of FOXA2 expression in transfected 293T cell line ([H00003170-T01](#)) by FOXA2 MaxPab polyclonal antibody.

Lane 1: FOXA2 transfected lysate(48.30 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human FOXA2 protein.

Immunogen

FOXA2 (NP_068556.1, 1 a.a. ~ 457 a.a) full-length human protein.

Sequence

MLGAVKMEGHEPSDWSSYYAEPEGYSSVSNMNAGLGMNGMNTYMSMSAAAMGSGSGNMSAG
SMNMSSYVGAGMSPSLAGMSPGAGAMAGMGSAGAAAGVAGMGPHLSPSLPLGGQAAGAM
GGLAPYANMNSMSPMYGQAGLSRARDPKTYRRSYTHAKPPYSYSLITMAIQQSPNKMLTLSEIQ
WIMDLFPFYRQNRWQNSIRHLSFNDCKLVPRSPDKPGKGSFWTLHPDSGNMFENGCYLR
RQKRFKCEKQLALKEAAGAAGSGKKAAGAQAQSLGEAAGPASETPAGTESPHSSASPCQ
EHKRGGELGELGTPAAALSPPEPAPSPGQQQQAHAHLLGPPHHPGLPPEAHLKPEHHYAFNHP
FSINLMSSEQQHSHHHHHQPHKMDLKAYEQVMHYPGYGSPMPGSLAMGPVTNKTGLDASPL
AADTSYYQGVYSRPIMNSS

Host

Rabbit

Reactivity

Human

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 — FOXA2

Entrez GeneID [3170](#)

GeneBank Accession# [NM_021784.3](#)

Protein Accession# [NP_068556.1](#)

Gene Name FOXA2

Gene Alias HNF3B, MGC19807, TCF3B

Gene Description forkhead box A2

Omim ID [600288](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the forkhead class of DNA-binding proteins. These hepatocyte nuclear factors are transcriptional activators for liver-specific genes such as albumin and transthyretin, and they also interact with chromatin. Similar family members in mice have roles in the regulation of metabolism and in the differentiation of the pancreas and liver. This gene has been linked to sporadic cases of maturity-onset diabetes of the young. Transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000030409|OTTHUMP00000030410|hepatic nuclear factor-3-beta|hepatocyte nuclear factor 3, beta

Pathway

- [Maturity onset diabetes of the young](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)