

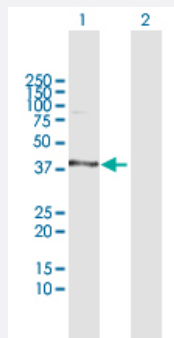
MaxPab®

DHDH MaxPab rabbit polyclonal antibody (D01)

Catalog # H00027294-D01

Size 100 uL

Applications

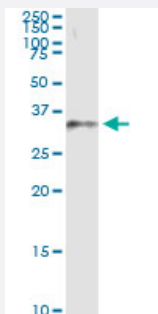


Western Blot (Transfected lysate)

Western Blot analysis of DHDH expression in transfected 293T cell line ([H00027294-T01](#)) by DHDH MaxPab polyclonal antibody.

Lane 1: DHDH transfected lysate(36.40 kDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of DHDH transfected lysate using anti-DHDH MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with DHDH purified MaxPab mouse polyclonal antibody (B01P) ([H00027294-B01P](#)).

Specification

Product Description

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

Immunogen

DHDH (NP_055290.1, 1 a.a. ~ 334 a.a) full-length human protein.

Sequence

MALRWGIVSVGLISSDFTAVLQTLPRSEHQVVAVAARDLSRAKEFAQKHDIPKAYGSYEELAKDP
SVEVAYIGTQHPQHKAAMVLCCLAAAGKAVLCEKPTGVNAAEVREMVAEARSRALFLMEAWTRFF
PASEALRSVLAQGTLDLRVARAEFGKNLIHVPRAVDRAQAGGALLDIGYCVQFTSMVFGGQKP
EKISVVGRRHETGVDDTVTVLLQYPGEVHGSFTCSITVQLSNTASVSGTKGMVQLLNPWCPTTEL
VVKGEHKEFPLPPVPKDCNFDNGAGMSYEAKHVWECLRKGMKESVPIPLSESELLADILEEVRK
AIGVTFPQDKR

Host

Rabbit

Reactivity	Human
Interspecies Antigen Sequence	Mouse (78); Rat (77)
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 (Transfected lysate)

Western Blot analysis of DHDH expression in transfected 293T cell line ([H00027294-T01](#)) by DHDH MaxPab polyclonal antibody.

Lane 1: DHDH transfected lysate(36.40 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of DHDH transfected lysate using anti-DHDH MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with DHDH purified MaxPab mouse polyclonal antibody (B01P) ([H00027294-B01P](#)).

[Protocol Download](#)

Gene Info — DHDH

Entrez GeneID	27294
GeneBank Accession#	NM_014475.2
Protein Accession#	NP_055290.1
Gene Name	DHDH
Gene Alias	HUM2DD
Gene Description	dihydrodiol dehydrogenase (dimeric)
Omim ID	606377
Gene Ontology	Hyperlink

Gene Summary

This gene encodes an enzyme that belongs to the family of dihydrodiol dehydrogenases, which exist in multiple forms in mammalian tissues and are involved in the metabolism of xenobiotics and sugars. These enzymes catalyze the NADP1-linked oxidation of transdihydrodiols of aromatic hydrocarbons to corresponding catechols. This enzyme is a dimeric dihydrodiol dehydrogenase, and it differs from monomeric dihydrodiol dehydrogenases in its high substrate specificity for trans-dihydrodiols of aromatic hydrocarbons in the oxidative direction. [provided by RefSeq]

Other Designations

3-deoxyglucosone reductase|dimeric dihydrodiol dehydrogenase

Pathway

- [Metabolism of xenobiotics by cytochrome P450](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Lung Neoplasms](#)
- [Occupational Diseases](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)