

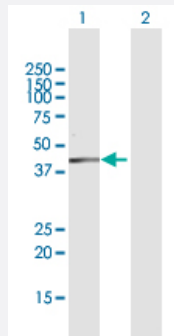
MaxPab®

DHDH purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00027294-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of DHDH expression in transfected 293T cell line ([H00027294-T03](#)) by DHDH MaxPab polyclonal antibody.

Lane 1: DHDH transfected lysate(36.40 KDa).

Lane 2: Non-transfected lysate.

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 SVEVAYIGTQHPQHKAAVMLCLAAGKAVLCEKPTGVNAAEVREMVAEARSRALFLMEAIWTRFF PASEALRSVLAQGTLDLRVARAEFGKNLIHVPRAVDRAQAGGALLDIGYCVQFTSMVFGGQKP EKISVVGRRHETGVDDTDTVLLQYPGEVHGSFTCSITVQLSNTASVSGTKGMVQLLNPCWCPTL VVKGEHKEFPLPPVPKDCNFDNGAGMSYEAKHVWECLRKG MKESPVIPLSESELLADILEEVRK AIGVTFPQDKR
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78); Rat (77)
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 — 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](#)