

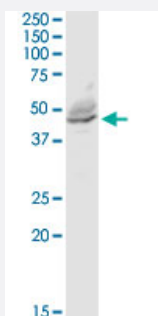
MaxPab®

ALDH3B1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000221-D01P

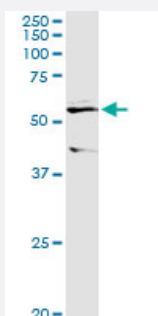
Size 100 ug

Applications



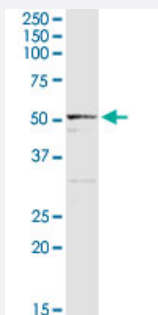
Western Blot (Tissue lysate)

ALDH3B1 MaxPab rabbit polyclonal antibody. Western Blot analysis of ALDH3B1 expression in human kidney.



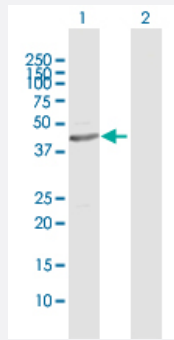
Western Blot (Tissue lysate)

ALDH3B1 MaxPab rabbit polyclonal antibody. Western Blot analysis of ALDH3B1 expression in mouse brain.



Western Blot (Cell lysate)

ALDH3B1 MaxPab rabbit polyclonal antibody. Western Blot analysis of ALDH3B1 expression in MCF-7.



Western Blot (Transfected lysate)

Western Blot analysis of ALDH3B1 expression in transfected 293T cell line ([H00000221-T01](#)) by ALDH3B1 MaxPab polyclonal antibody.

Lane 1: ALDH3B1 transfected lysate(47.70 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ALDH3B1 protein.
Immunogen	ALDH3B1 (NP_001025181.1, 1 a.a. ~ 431 a.a) full-length human protein.
Sequence	MDPLGDTLRRLEAFHAGRTRPAEFRAAQLQGLGRFLQENKQLLHDALAQDLHKATQLDSAFIRK EPFGLVLIAPWNYPLNLTPLVPLVGALAAGNCVVLKPSEISKNEKILAEVLPQYVDQSCFAVVLGG PQETGQLEHRFDYIFFTGSPRVGKIVMTAAAKHLTPVTLELGGKNPCYVDDNCDPQTVANRVAW FRYFNAGQTCVAPDYVLCSPQMQRLLPALQSTITRFYGDQPSSPNLGRINQKQFQRLRALLGC GRVAIGGQSDESDRYAPTTLVDVQEMEPVMQEEIFGPILPVNVQSLDEAIEFINRREKPLALYAFS NSSQVVKRVLTTSSGGFCGNDGFMHMTLASLPFGGVGASGMGRYHGKFSFDTFSSHRACLLR SPGMEKLNALRYPPQSPRRLRMLLVAMEAQGCSTLL
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (77); Rat (79)
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.

Applications

● Western Blot (Tissue lysate)

ALDH3B1 MaxPab rabbit polyclonal antibody. Western Blot analysis of ALDH3B1 expression in human kidney.

[Protocol Download](#)

- Western Blot (Tissue lysate)

ALDH3B1 MaxPab rabbit polyclonal antibody. Western Blot analysis of ALDH3B1 expression in mouse brain.

[Protocol Download](#)

- Western Blot (Cell lysate)

ALDH3B1 MaxPab rabbit polyclonal antibody. Western Blot analysis of ALDH3B1 expression in MCF-7.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ALDH3B1 expression in transfected 293T cell line ([H00000221-T01](#)) by ALDH3B1 MaxPab polyclonal antibody.

Lane 1: ALDH3B1 transfected lysate(47.70 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — ALDH3B1

Entrez GeneID [221](#)

GeneBank Accession# [NM_001030010.1](#)

Protein Accession# [NP_001025181.1](#)

Gene Name ALDH3B1

Gene Alias ALDH4, ALDH7, FLJ26433

Gene Description aldehyde dehydrogenase 3 family, member B1

Omim ID [600466](#)

Gene Ontology [Hyperlink](#)

Gene Summary The aldehyde dehydrogenases are a family of isozymes that may play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. This particular gene spans about 20 kb of genomic DNA and is composed of 9 coding exons. The gene is highly expressed in kidney and lung. The functional significance of this gene as well as the cellular localization of its product are presently unknown. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations aldehyde dehydrogenase 3B1|aldehyde dehydrogenase 7

Pathway

- [Drug metabolism - cytochrome P450](#)
- [Glycolysis / Gluconeogenesis](#)
- [Histidine metabolism](#)
- [Metabolic pathways](#)
- [Metabolism of xenobiotics by cytochrome P450](#)
- [Phenylalanine metabolism](#)
- [Tyrosine metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)