

ALDH3B2 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12863B**Specification**

ALDH3B2 Antibody (C-term) - Product Information

Application	IHC-P, WB,E
Primary Accession	P48448
Other Accession	NP_001026786.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	42635
Antigen Region	252-280

ALDH3B2 Antibody (C-term) - Additional Information**Gene ID** 222**Other Names**

Aldehyde dehydrogenase family 3 member B2, Aldehyde dehydrogenase 8, ALDH3B2, ALDH8

Target/Specificity

This ALDH3B2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 252-280 amino acids from the C-terminal region of human ALDH3B2.

Dilution

IHC-P~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ALDH3B2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ALDH3B2 Antibody (C-term) - Protein Information**Name** ALDH3B2

Synonyms ALDH8

Function Oxidizes medium and long chain fatty aldehydes in lipid droplets into non-toxic fatty acids.

Cellular Location

Lipid droplet {ECO:0000250|UniProtKB:E9Q3E1}.

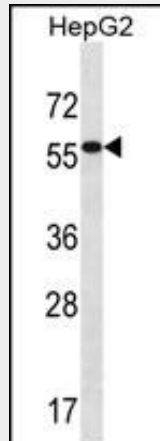
Tissue Location

Salivary gland (PubMed:8890755). Expressed at protein level in placenta (PubMed:31847104)

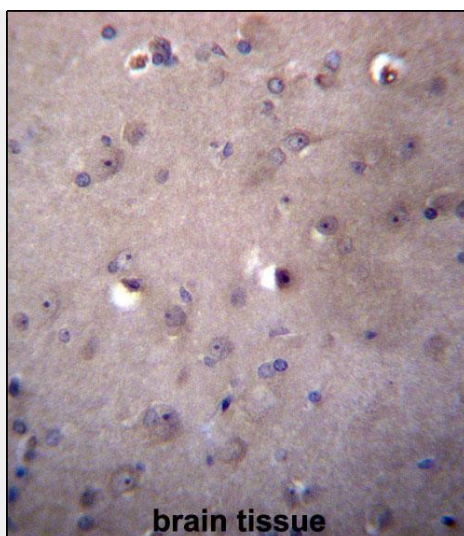
ALDH3B2 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ALDH3B2 Antibody (C-term) - Images

ALDH3B2 Antibody (C-term) (Cat. #AP12863b) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the ALDH3B2 antibody detected the ALDH3B2 protein (arrow).



ALDH3B2 Antibody (C-term) (Cat. #AP12863b) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of ALDH3B2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ALDH3B2 Antibody (C-term) - Background

This gene encodes a member of the aldehyde dehydrogenase family, a group of isozymes that may play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. The gene of this particular family member is over 10 kb in length. The expression of these transcripts is restricted to the salivary gland among the human tissues examined. Alternate transcriptional splice variants have been characterized.

ALDH3B2 Antibody (C-term) - References

Davila, S., et al. Genes Immun. 11(3):232-238(2010)
Saito, A., et al. J. Hum. Genet. 54(6):317-323(2009)
Hsu, L.C., et al. Gene 189(1):89-94(1997)
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