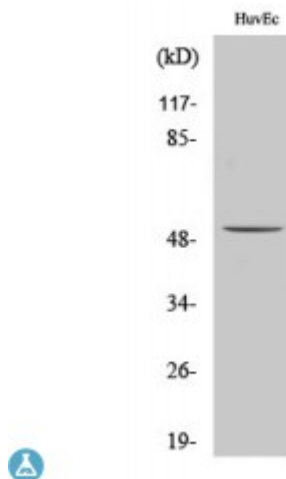


Anti-ALDH3B1 antibody



Description	Rabbit polyclonal to ALDH3B1.
Model	STJ91555
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human ALDH3B1
Immunogen Region	30-110 aa, Internal
Gene ID	221
Gene Symbol	ALDH3B1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:40000
Specificity	ALDH3B1 Polyclonal Antibody detects endogenous levels of ALDH3B1 protein.
Tissue Specificity	Highest expression in kidney and lung.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Aldehyde dehydrogenase family 3 member B1 Aldehyde dehydrogenase 7
Molecular Weight	52 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:4100MIM:600466
Alternative Names	Aldehyde dehydrogenase family 3 member B1 Aldehyde dehydrogenase 7
Function	Oxidizes medium and long chain saturated and unsaturated aldehydes. Metabolizes also benzaldehyde. Low activity towards acetaldehyde and 3,4-dihydroxyphenylacetaldehyde. May not metabolize short chain aldehydes. May use both NADP(+) and NAD(+) as cofactors. May have a protective role against the cytotoxicity induced by lipid peroxidation.
Cellular Localization	Cell membrane. Primarily in the plasma membrane as well as in some punctate structures in the cytoplasm.
Post-translational Modifications	Dually lipidated in the C-terminus; prenylation occurs prior to, and is a prerequisite for palmitoylation. It is also required for activity towards long-chain substrates.

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