

Anti-AL1A3 antibody



Description	Unconjugated Rabbit polyclonal to AL1A3
Model	STJ190531
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human AL1A3 protein.
Immunogen Region	290-370aa
Gene ID	220
Gene Symbol	ALDH1A3
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	AL1A3 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Expressed at low levels in many tissues and at higher levels in salivary gland, stomach, and kidney.
Purification	AL1A3 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 1 member A3 Aldehyde dehydrogenase 6 Retinaldehyde dehydrogenase 3 RALDH-3 RalDH3
Molecular Weight	56 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:409OMIM:600463
Alternative Names	Aldehyde dehydrogenase family 1 member A3 Aldehyde dehydrogenase 6 Retinaldehyde dehydrogenase 3 RALDH-3 RalDH3
Function	NAD-dependent aldehyde dehydrogenase that catalyzes the formation of retinoic acid . Has high activity with all-trans retinal, and has much lower in vitro activity with acetaldehyde . Required for the biosynthesis of normal levels of retinoic acid in the embryonic ocular and nasal regions; retinoic acid is required for normal embryonic development of the eye and the nasal region .
Cellular Localization	Cytoplasm

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