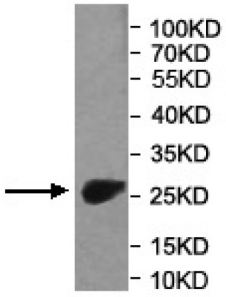
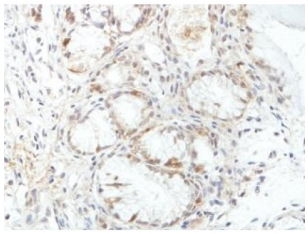
Retinol Dehydrogenase 12 (RDH12) Antibody

Catalogue No.:abx145096



WB analysis of the recombinant protein, using RDH12 antibody (1/500 dilution). Predicted band size: 25 kDa.



IHC-P analysis of fetal stomach tissue, using RDH12 antibody (1/100 dilution).

Retinol Dehydrogenase 12 (RDH12) Antibody is a Rabbit Polyclonal against Retinol Dehydrogenase 12 (RDH12). The protein encoded by this gene is an NADPH-dependent retinal reductase whose highest activity is toward 9-cis and all-trans-retinol. The encoded enzyme also plays a role in the metabolism of short-chain aldehydes but does not exhibit steroid dehydrogenase activity. Defects in this gene are a cause of Leber congenital amaurosis type 13 and Retinitis Pigmentosa 53.

Target:	Retinol Dehydrogenase 12 (RDH12)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	ELISA: 1/20000 - 1/80000, WB: 1/500 - 1/2000, IHC: 1/100 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fragment corresponding to 4-190 AA of human RDH12.
Isotype:	IgG
Form:	Lyophilized

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Purification:	Purified by antigen affinity column chromatography.
Reconstitution:	Reconstitute in 100 µl of sterile distilled H_2O with 50% glycerol.
Storage:	Store at -20 °C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q96NR8 (UniProt, ExPASy)
Gene Symbol:	RDH12
GeneID:	145226
OMIM:	608830
NCBI Accession:	NP_689656.2, NM_152443.2
HGNC:	19977
KEGG:	hsa:145226
Ensembl:	ENSG00000139988
String:	9606.ENSP00000449079
Buffer:	Prior to lyophilization: 1% BSA and 0.02% NaN3.
Specificity:	Predicted to react with Mouse and Rat RDH12.
Concentration:	Lyophilized form: Not applicable. After reconstitution: 1 mg/ml.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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