Datasheet for ABIN372579

anti-RDH11 antibody (C-Term, N-Term)

1 Image

Go to Product page

Overview

Quantity:	50 µg
Target:	RDH11
Binding Specificity:	AA 1-7, C-Term, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RDH11 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthetic peptide - KLH conjugated corresponding to N-terminal sequence MVELMFP (aa 1-7) and the C-terminal sequence LLGLPID (312-318) of the Human RDH11.
Isotype:	IgG
Specificity:	Recognizes Retinol Dehydrogenase 11 (all-trans/9-cis/11-cis) (RDH11). Cellular Localization: Endoplasmic reticulum membrane, Single-pass type II membrane protein.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Immunoaffinity Chromatography.

Target Details

Target:	RDH11

Target Details

Alternative Name:	RDH11 (RDH11 Products)
Background:	RDH11 (Retinol dehydrogenase 11) exhibits an oxidoreductive catalytic activity towards retinoids. RDH11 is most efficient as an NADPH-dependent all-trans-retinal reductase. RDH11 is also involved in the metabolism of short-chain aldehydes. RDH11 is located in endoplasmic reticulum and is expressed at higher level in liver and testis and is expressed at lower levels in smooth muscle, thymus, submaxillary gland and epididymis. In testis, expression is restricted to pachytene spermatocytes. RDH11 is also expressed in four layers of the retina, including the outer segment of rods and cones. RDH11 belongs to the short-chain dehydrogenases/reductases (SDR) family.Synonyms: ARSDR1, CGI-82, HCBP12, HCV core-binding protein HCBP12, PSDR1, Prostate short-chain dehydrogenase/reductase 1, RalR1, Retinal Reductase 1, Retinol Dehydrogenase 11
Molecular Weight:	35 kDa
Gene ID:	51109
NCBI Accession:	NP_057110
UniProt:	Q8TC12

Application Details

Application Notes:	Western Blot: 1/500-1/1000. Immunohistochemistry on Paraffin Sections: 5 µg/mL. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Buffer:	PBS containing 0.02 % Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

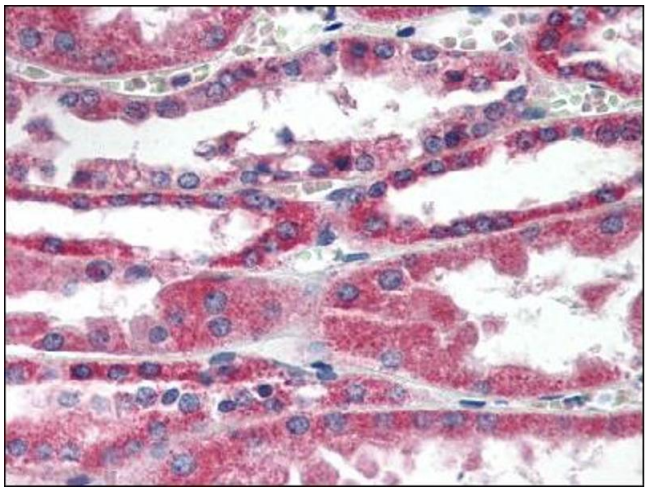

Image 1.

