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Datasheet for ABIN375313 **anti-RDH16 antibody**

Overview

Quantity:	100 µL
Target:	RDH16
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RDH16 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Synthetic peptide derived from an internal domain of human RDH16
Isotype:	IgG
Specificity:	Reacts with human 36 kDa protein
Cross-Reactivity:	Rat (Rattus), Mouse (MURINE)
Cross-Reactivity (Details):	Cross reacts with RDH16 proteins from mouse rat and other species
Purification:	Antiserum

Target Details

Target:	RDH16
Alternative Name:	Retinol Dehydrogenase 16 (RDH16 Products)
Background:	Oxidoreductase with a preference for NAD. Oxidizes all-trans-retinol and 13-cis-retinol to the

Target Details

corresponding aldehydes. Has higher activity towards CRBP-bound retinol than with free retinol. Oxidizes 3-alpha-hydroxysteroids. Oxidizes androstenediol and androsterone to dihydrotestosterone and androstenedione. Can also catalyze the reverse reaction.

UniProt: [O75452](#)

Pathways: [Steroid Hormone Biosynthesis](#)

Application Details

Application Notes: Working dilution: Optimal dilution should be determined by the end user.
The following are guidelines only :
- IHC : 1/50 to 1/500 - WB : 1/200 to 1/2 000

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Must be reconstituted in distilled water.

Storage: 4 °C/-20 °C

Storage Comment: Lyophilized powder stable for a minimum of 2 years at -20°C. Store reconstituted antibodies at +4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 month from date of receipt.

Expiry Date: 24 months