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anti-AKR1C4 antibody (N-Term)

2 Images



Overview

Quantity:	100 μg
Target:	AKR1C4
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This AKR1C4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	AKR1C4
lmmunogen:	Peptide with sequence DPKYQRVELNDGH-C, from the N Terminus of the protein sequence according to NP_001809.2
Sequence:	DPKYQRVELN DGH
Isotype:	IgG
Specificity:	This antibody may cross-react with AKR1C1
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Precaution of Use:

Handling Advice:

Storage:

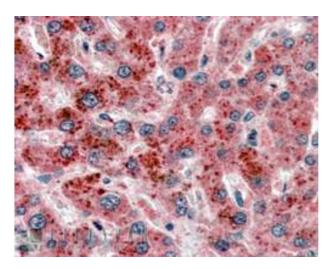
rarget Details	
Target:	AKR1C4
Alternative Name:	AKR1C4 (AKR1C4 Products)
Background:	AKR1C4, aldo-keto reductase family 1, member C4, HGNC:387, 3-alpha-HSD, C11, CDR, CHDR,
	DD4, HAKRA, MGC22581, 3-alpha hydroxysteroid dehydrogenase, type I, 3 alpha-
	hydroxysteroid dehydrogenase/dihydrodiol dehydrogenase 4, 3-alpha-hydroxysteroid
	dehydroge
Gene ID:	1109
NCBI Accession:	NP_001809
Pathways:	Steroid Hormone Biosynthesis
Application Details	
Application Notes:	Immunohistochemistry: In paraffin embedded Human Liver shows staining of distinct
	structures in the cytoplasm of hepatocytes. Recommended concentration, 2-4 $\mu g/mL$.
	Western Blot: Approx. 35 kDa band observed in Human Liver lysates (calculated MW of
	37.1 kDa according to NP_001809.2). Recommended concentration: 0.1-0.3 μg/mL.
	Peptide ELISA: antibody detection limit dilution 1:4000.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum
	albumin.
Preservative:	Sodium azide

This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

should be handled by trained staff only.

Minimize freezing and thawing.

-20 °C



Immunohistochemistry

Image 1. ABIN185625 (2.5 μ g/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Western Blotting

Image 2. ABIN185625 (0.1μg/ml) staining of human liver lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.