

AKR1C4 Antibody

Catalog No: #36535



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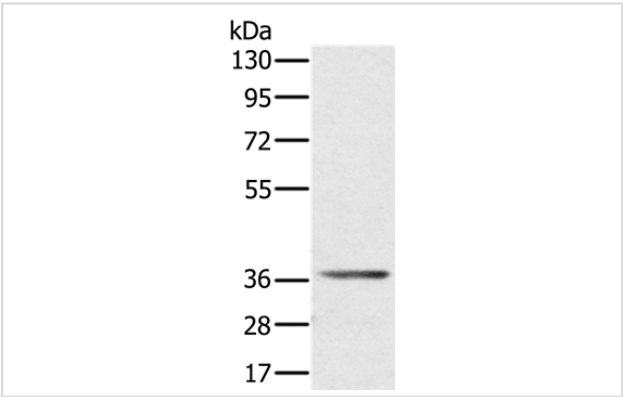
Description

Product Name	AKR1C4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total AKR1C4 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	AKR1C4
Other Names	C11; CDR; DD4; CHDR; DD-4; HAKRA; 3-alpha-HSD
Accession No.	Swiss-Prot#: P17516NCBI Gene ID: 1109Gene Accssion: BC020744/P17516
Uniprot	P17516
GeneID	1109;
SDS-PAGE MW	37kd
Concentration	1.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

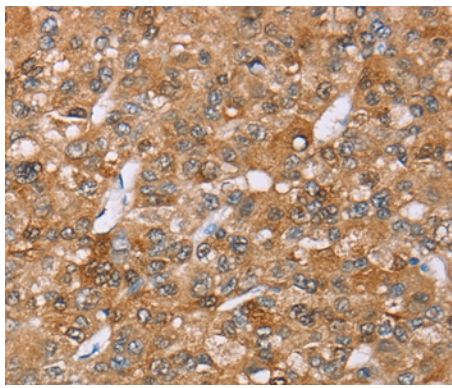
Application Details

Western blotting: 1:200-1:1000
Immunohistochemistry: 1:25-1:100

Images



Gel: 8%SDS-PAGE  
Lysates (from left to right): Mouse liver tissue  
Amount of lysate: 40ug per lane  
Primary antibody: 1/400 dilution  
Secondary antibody dilution: 1/8000  
Exposure time: 5 seconds



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #36535 at dilution 1/30.

## Background

This gene encodes a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. These enzymes catalyze the conversion of aldehydes and ketones to their corresponding alcohols by utilizing NADH and/or NADPH as cofactors. The enzymes display overlapping but distinct substrate specificity. This enzyme catalyzes the bioreduction of chlordane, a toxic organochlorine pesticide, to chlordane alcohol in liver.?

Note: This product is for in vitro research use only