

Datasheet for ABIN321393

anti-AKR1B1 antibody (AA 201-250)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	AKR1B1
Binding Specificity:	AA 201-250
Reactivity:	Human, Mouse, Dog, Zebrafish (Danio rerio), Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKR1B1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa201-250 of human AKR1B1 (P15121, NP_001619). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Mouse, Panda, Dog, Pig (100%), Marmoset, Rat, Hamster, Rabbit (92%), Bovine, Guinea pig, Platypus (91%), Elephant, Horse, Zebrafish (85%), Chicken (84%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human AKR1B1
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Dog (100%) Bovine (91%) Zebrafish (85%) Chicken (83%).
Purification:	Protein A purified

Target Details

Target:	AKR1B1
Alternative Name:	AKR1B1 / Aldose Reductase (AKR1B1 Products)
Background:	Name/Gene ID: AKR1B1 Synonyms: AKR1B1, Aldose reductase, ALDR1, ADR, Aldehyde reductase, Aldehyde reductase 1, ALR2, Lii5-2 CTCL tumor antigen, Low Km aldose reductase
Gene ID:	231
NCBI Accession:	NP_001619
UniProt:	P15121
Pathways:	Metabolism of Steroid Hormones and Vitamin D , C21-Steroid Hormone Metabolic Process , Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Approved: WB Usage: ELISA titer using peptide based assay: 1:312500. Western Blot: Suggested dilution at 1.25 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody. Not recommended for: IHC-P
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled Water.
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C

Handling

Storage Comment: Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)

Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images

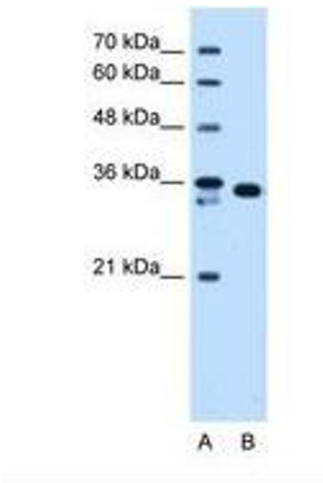


Image 1.