

Datasheet for ABIN2789313
anti-AKR1E2 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	AKR1E2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKR1E2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	PSHIKENIQV FDFELTQHDM DNILSLNRNL RLAMFPITKN HKDYPPFHIEY
Predicted Reactivity:	Cow: 79%, Dog: 82%, Guinea Pig: 86%, Horse: 79%, Human: 100%, Mouse: 79%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against AKR1E2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	AKR1E2
Alternative Name:	AKR1E2 (AKR1E2 Products)
Background:	AKR1E2 catalyzes the NADPH-dependent reduction of 1,5-anhydro-D-fructose (AF) to 1,5-anhydro-D-glucitol. It can also catalyze the reduction of various aldehydes and quinones.

Target Details

	AKR1E2 has low NADPH-dependent reductase activity towards 9,10-phenanthrenequinone (in vitro). Alias Symbols: AKR1CL2, AKRDC1, LoopADR, MGC10612 Protein Size: 320
Molecular Weight:	36 kDa
Gene ID:	83592
NCBI Accession:	NM_001040177 , NP_001035267
UniProt:	Q96JD6

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 320 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Rabbit Anti-AKR1E2 Antibody
Catalog Number: ARP62958
Lot Number: QC33616
Lane: Fetal Lung Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 1.