

[KO Validated] AKR1A1 Rabbit pAb

Catalog No.: A18014 **KO** Validated

Basic Information

Observed MW

36kDa

Calculated MW

37kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. This member, also known as aldehyde reductase, is involved in the reduction of biogenic and xenobiotic aldehydes and is present in virtually every tissue. Multiple alternatively spliced transcript variants of this gene exist, all encoding the same protein.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

10327

Swiss Prot

P14550

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-325 of human AKR1A1 (NP_006057.1).

Synonyms

ALR; ARM; DD3; ALDR1; HEL-S-6; A1

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

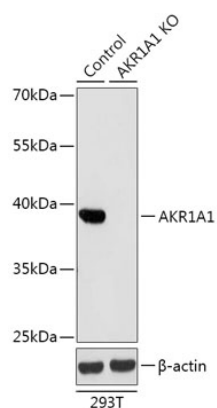
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and AKR1A1 knockout (KO) 293T cells, using [KO Validated] AKR1A1 Rabbit pAb (A18014) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.

Lysates/proteins: 25 μ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.