

# [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

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

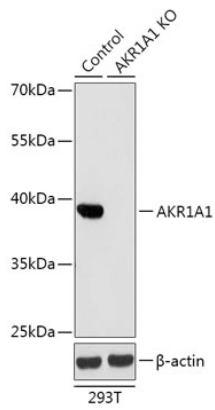
### Storage

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) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.