

AKR7A2 Antibody

Catalog No: #32242

Package Size: #32242-1 50ul #32242-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

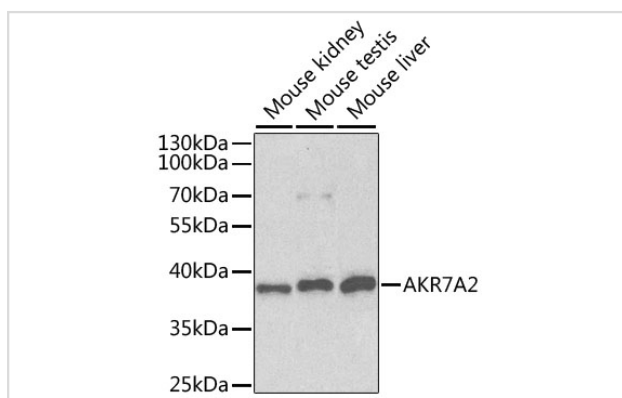
Description

Product Name	AKR7A2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total AKR7A2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human AKR7A2 (NP_003680.2).
Target Name	AKR7A2
Other Names	AKR7A2;AFAR;AFAR1;AFB1-AR1;AKR7
Accession No.	Uniprot:O43488GeneID:8574
Uniprot	O43488
GeneID	8574
SDS-PAGE MW	35kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB □ 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using AKR7A2 antibody.

Background

The protein encoded by this gene belongs to the aldo/keto reductase (AKR) superfamily and AKR7 family, which are involved in the detoxification of aldehydes and ketones. The AKR7 family consists of 3 genes that are present in a cluster on the p arm of chromosome 1. This protein, thought to be localized in the golgi, catalyzes the NADPH-dependent reduction of succinic semialdehyde to the endogenous neuromodulator, gamma-hydroxybutyrate. It may also function as a detoxication enzyme in the reduction of aflatoxin B1 and 2-carboxybenzaldehyde. Alternative splicing results in multiple transcript variants.

Note: This product is for in vitro research use only