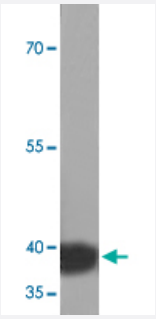
AKR1A1 polyclonal antibody

Catalog # PAB19794 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of human fetal liver tissue lysate with AKR1A1 polyclonal antibody (Cat # PAB19794) at 1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of AKR1A1.
Immunogen	A synthetic peptide corresponding to 14 amino acids at C-terminus of human AKR1A1.
Host	Rabbit
Reactivity	Human, Mouse, Pig, Rat
Form	Liquid
Recommend Usage	ELISA (1:160000) Western Blot (1:500-1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In serum (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

  Western blot analysis of human fetal liver tissue lysate with AKR1A1 polyclonal antibody (Cat # PAB19794) at 1:500 dilution.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — AKR1A1

Entrez GeneID	10327
Protein Accession#	p14550
Gene Name	AKR1A1
Gene Alias	ALDR1, ALR, ARM, DD3, MGC12529, MGC1380
Gene Description	aldo-keto reductase family 1, member A1 (aldehyde reductase)
Omim ID	103830
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the aldo/keto reductase superfamily, which consists of more tha n 40 known enzymes and proteins. This member, also known as aldehyde reductase, is involved i n the reduction of biogenic and xenobiotic aldehydes and is present in virtually every tissue. Altern ative splicing of this gene results in two transcript variants encoding the same protein. [provided b y RefSeq
Other Designations	OTTHUMP00000009240|OTTHUMP00000009241|alcohol dehydrogenase|aldehyde reductase|a ldo-keto reductase family 1, member A1|dihydrodiol dehydrogenase 3

Pathway

- Caprolactam degradation
- Glycerolipid metabolism
- Glycolysis / Gluconeogenesis
- Metabolic pathways

Disease

- Adenocarcinoma
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Lung Neoplasms
- Lymphoma
- Pulmonary Disease
- Urinary Bladder Neoplasms
- Werner syndrome