

Rabbit anti-Human, mouse AKR7L Polyclonal Antibody | anti-AKR7L antibody

AKR7L Antibody (Center)

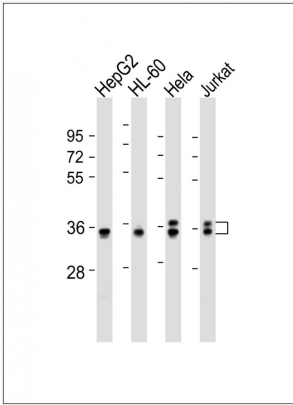
CATALOG # AAA286510	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

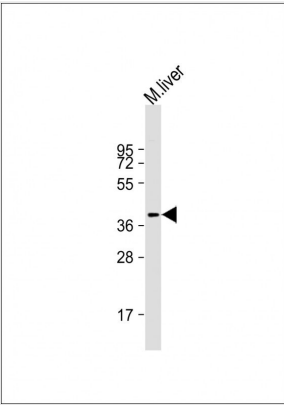
AKR7L; Polyclonal Antibody; AKR7L Antibody (Center); Aflatoxin B1 aldehyde reductase member 4; 1---; AFB1 aldehyde reductase 3; AFB1-AR 3; Aldoketoreductase 7-like; AFAR3; AKR7A4; anti-AKR7L antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AKR7L antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 207-237 amino acids from the Central region of human AKR7L.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	331
Applicable Applications for anti-AKR7L antibody	WB (Western Blot)
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
All lanes : Anti-AKR7L Antibody (Center) at 1:2000 dilution
Lane 1: HepG2 whole cell lysates
Lane 2: HL-60 whole cell lysates
Lane 3: HeLa whole cell lysates
Lane 4: Jurkat whole cell lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 37 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)
Anti-AKR7L Antibody (Center) at 1:1000 dilution + mouse liver lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 37 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-AKR7L antibody	Can reduce the dialdehyde protein-binding form of aflatoxin B1 (AFB1) to the non-binding AFB1 dialcohol. May be involved in protection of liver against the toxic and carcinogenic effects of AFB1, a potent hepatocarcinogen (By similarity).
References	Gregory S.G.,et al.Nature 441:315-321(2006). Praml C.,et al.Oncogene 22:4765-4773(2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	294862545
UniProt Accession #	Q8NHP1; Q5U614
Molecular Weight	36964
NCBI Official Full Name	Aflatoxin B1 aldehyde reductase member 4
UniProt Protein Name	Aflatoxin B1 aldehyde reductase member 4
UniProt Gene Name	AKR7L
UniProt Synonym Gene Names	AFAR3; AKR7A4; AFB1-AR 3
UniProt Entry Name	ARK74_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.