

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

Anti-AKR7L Antibody

CATALOG # AAA266130	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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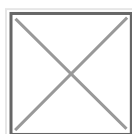
PRODUCT SYNONYMS

AKR7L; Polyclonal Antibody; Anti-AKR7L Antibody; anti-AKR7L antibody

PRODUCT SPECIFICATIONS

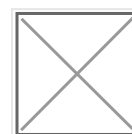
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of AKR7L protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-AKR7L antibody	IC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-terminal region of human AKR7L. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of Anti-AKR7L staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF555 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of AKR7L expression in HepG2 (A) whole cell lysates. (Predicted band size: 36 kD; Observed band size: 36 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-AKR7L antibody	Rabbit polyclonal antibody to AKR7L
Product Categories/Family for anti-AKR7L antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	1139695540
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NCBI GeneID	246181
NCBI Accession #	NP_001335350.1
NCBI GenBank Nucleotide #	NM_001348421.1
UniProt Accession #	Q8NHP1 ; Q5U614
Molecular Weight	26,725 Da
NCBI Official Full Name	aflatoxin B1 aldehyde reductase member 4
NCBI Official Synonym Full Names	aldo-keto reductase family 7 like (gene/pseudogene)
NCBI Official Symbol	AKR7L
NCBI Official Synonym Symbols	AFAR3; AKR7A4; AFB1-AR3; AFB1-AR 3
NCBI Protein Information	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

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/akr7l-antibody-immunochemistry-immunofluorescence-western-blot-elisa/266130>