

## Anti-AKR7L Antibody (N-Term)

Catalog Number: M15791

### About AKR7L

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).

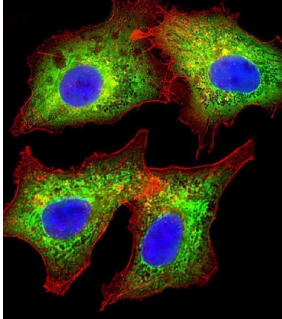
### Overview

Product Name	Anti-AKR7L Antibody (N-Term)
Reactive Species	Human
Description	Boster Bio Anti-AKR7L Antibody (N-Term) (Catalog # M15791). Tested in WB, IF application(s). This antibody reacts with Human.
Application	IF, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q8NHP1

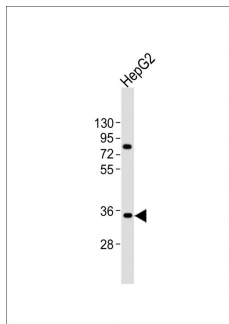
### Technical Details

Immunogen	This AKR7L antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 32-64 amino acids from human AKR7L.
Predicted Reactive Species	Bovine
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	IF: 1:25 WB: 1:2000

## Anti-AKR7L Antibody (N-Term) (M15791) Images



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HepG2 (human liver hepatocellular carcinoma cell line) cells labeling AKR7L with M15791 at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-rabbit IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm staining on HepG2 cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin at 1/100 dilution (red). The nuclear counter stain is DAPI (blue).



Anti-AKR7L Antibody (N-Term) at 1:2000 dilution + HepG2 whole cell lysates. Lysates/proteins at 20 µg 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.

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