

## Anti-AKR1B1 antibody (1-316) (STJ22567)

ST.122567

## **GENERAL INFORMATION**

Product Type Primary antibodies

**Short Description** Rabbit polyclonal antibody anti-AKR1B1 (1-316) is suitable for use in Western Blot.

Applications WB
Host/Source Rabbit

Reactivity Human, Mouse, Rat

## **PRODUCT PROPERTIES**

Clonality Polyclonal

Clone ID Concentration

Conjugation
Purification
Dilution Range

Unconjugated
Affinity purification
WB 1:500-1:2000

Formulation PBS containing 0.02% Sodium Azide, 50% Glycerol, pH7.3.

Isotype IgG

Storage Instruction Store in a freezer at-20°C and avoid freeze-thaw cycles.

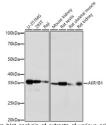
## **TARGET INFORMATION**

Gene ID 231
Gene Symbol AKR1B1
Uniprot ID ALDR\_HUMAN

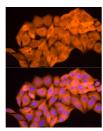
Immunogen Recombinant fusion protein containing a sequence corresponding to amino acids 1-316 of human AKR1B1 (NP\_001619.1).

Immunogen Region 1-316

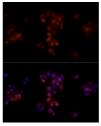
Specificity Immunogen Sequence



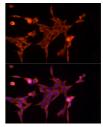
Western blot analysis of extracts of various cell lines using AKR1B1 antibody (STJ22567) at 1:1000 dilution Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) a 1:10000 dilution. Lysates/proteins: 25ug per lane Blocking buffer 3% norfat dry milk in TBST. Detection



Immunofluorescence analysis of HeLa cells using AKR1B1 rabbit polyclonal antibody (STJ22567) a dilution of 1:50 (40x lens). Blue: DAPI for nucleal examina.



Immunofluorescence analysis of HepG2 cells usin AKR1B1 rabbit polyclonal antibody (STJ22567) a dilution of 1:50 (40x lens). Blue: DAPI for nuclear statistics



Immunofluorescence analysis of NIH/3T3 cells using AKR1B1 rabbit polyclonal antibody (STJ22567) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.