

ILVBL Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54341**Specification**

ILVBL Polyclonal Antibody - Product Information

Application	WB, FC
Primary Accession	A1LOTO
Reactivity	Rat, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	67868

ILVBL Polyclonal Antibody - Additional Information**Gene ID** 10994**Other Names**

2-hydroxyacyl-CoA lyase 2, 4.1.2.-, Acetolactate synthase-like protein, IlvB-like protein, ILVBL (HGNC:6041)

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

ILVBL Polyclonal Antibody - Protein Information**Name** ILVBL ([HGNC:6041](#))**Function**

Endoplasmic reticulum 2-OH acyl-CoA lyase involved in the cleavage (C1 removal) reaction in the fatty acid alpha-oxydation in a thiamine pyrophosphate (TPP)-dependent manner. Involved in the phytosphingosine degradation pathway.

Cellular Location

Endoplasmic reticulum membrane; Single-pass membrane protein

Tissue Location

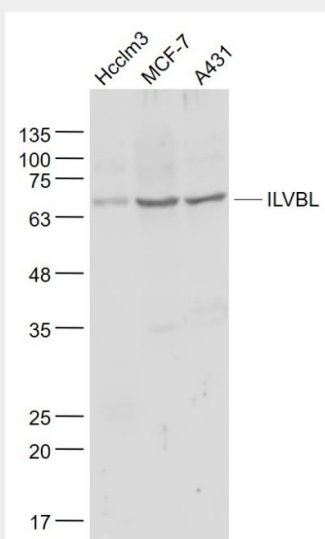
Expressed in all tissues tested, with highest expression in heart, pancreas and placenta

ILVBL Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ILVBL Polyclonal Antibody - Images



Sample:

Hcclm3(Human) Cell Lysate at 30 ug

MCF-7(Human) Cell Lysate at 30 ug

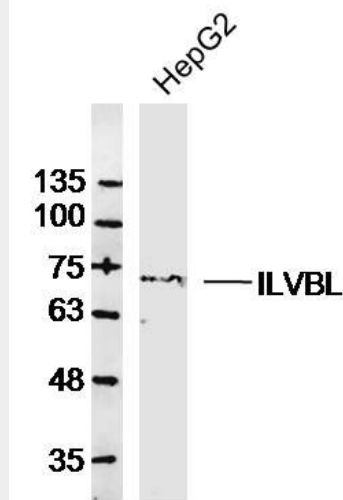
A431(Human) Cell Lysate at 30 ug

Primary: Anti- ILVBL (bs-11014R) at 1/1000 dilution

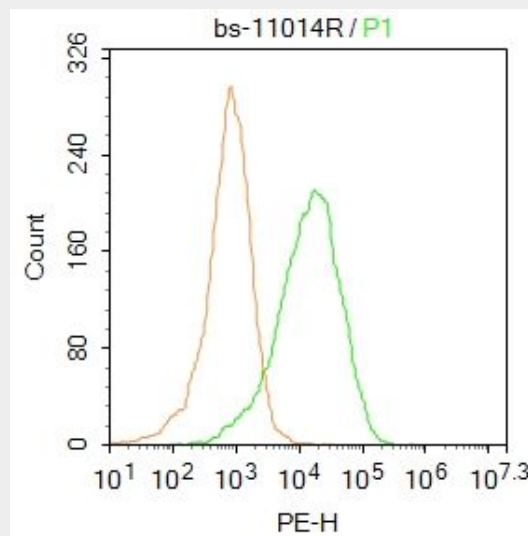
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 68 kD

Observed band size: 68 kD



Sample: HepG2 Cell (Human) Lysate at 30 ug
Primary: Anti-ILVBL (bs-11014R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 68kD
Observed band size: 68kD



Blank control: HepG2.
Primary Antibody (green line): Rabbit Anti-ILVBL antibody (bs-11014R)
Dilution: 1 μ g /10⁶ cells;
Isotype Control Antibody (orange line): Rabbit IgG .
Secondary Antibody : Goat anti-rabbit IgG-PE
Dilution: 1 μ g /test.
Protocol

The cells then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.