

For Research Use Only

AXL Polyclonal antibody

Catalog Number: 13196-1-AP

23 Publications



Basic Information

Catalog Number:

13196-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3898

GenBank Accession Number:

BC032229

GeneID (NCBI):

558

UNIPROT ID:

P30530

Full Name:

AXL receptor tyrosine kinase

Calculated MW:

894 aa, 98 kDa

Observed MW:

140 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, FC, ELISA

Cited Applications:

WB, IP, IF, FC, IHC, CoIP

Species Specificity:

human

Cited Species:

human, rat

Positive Controls:

WB : DU 145 cells, HeLa cells, HepG2 cells, human liver tissue, HT-1080 cells

IP : HeLa cells,

Background Information

Axl, also known as Ufo or Ark, is a receptor tyrosine kinase of the TAM (Tyr03, Axl and Mer) family. Axl is a single-pass type I membrane protein containing two fibronectin type-III domains, two Ig-like C2-type domains and one protein kinase domain. Axl mRNA is widely expressed with highest levels in the heart and skeletal muscle. Gas6 has been identified as a ligand for human Axl. Gas6/Axl signaling plays a role in cell survival, cell proliferation, migration and differentiation. It has been reported that 110-120 kDa non-glycosylated AXL protein can be detected (PMID: 31171001). Endogenous Axl is auto-phosphorylated and reacted with a tyrosine-phosphorylated protein of 140 kDa (PMID: 12730092).

Notable Publications

Author	Pubmed ID	Journal	Application
Pei Li	34679238	Chem Biol Drug Des	WB
Shiye Ke	34629012	Pharm Biol	WB
Shan Su	34637814	Virus Res	FC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

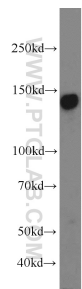
T: 4006900926

E: Proteintech-CN@ptglab.com

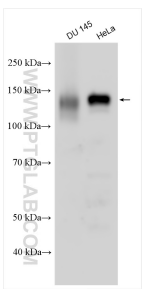
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

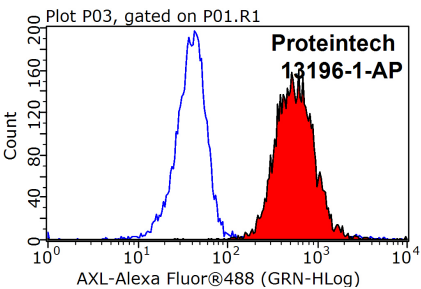
Selected Validation Data



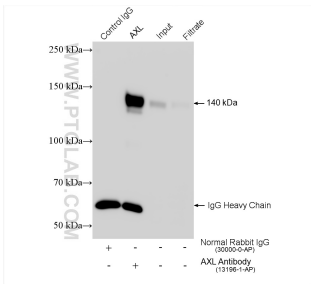
HepG2 cells were subjected to SDS PAGE followed by western blot with 13196-1-AP (AXL antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 13196-1-AP (AXL antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



1X10⁶ HeLa cells were stained with 0.2ug AXL antibody (13196-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.



IP result of anti-AXL (IP:13196-1-AP, 4ug; Detection:13196-1-AP 1:3000) with HeLa cells lysate 1320 ug.