

For Research Use Only

AXL Polyclonal antibody

Catalog Number: 13196-1-AP **23 Publications**



Basic Information

Catalog Number: 13196-1-AP	GenBank Accession Number: BC032229	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 558	Recommended Dilutions: WB 1:1000-1:8000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Source: Rabbit	Full Name: AXL receptor tyrosine kinase	
Isotype: IgG	Calculated MW: 894 aa, 98 kDa	
Immunogen Catalog Number: AG3898	Observed MW: 140 kDa	

Applications

Tested Applications: FC, IP, WB, ELISA	Positive Controls:
Cited Applications: CoIP, FC, IF, IHC, IP, WB	WB : DU 145 cells, HeLa cells, HepG2 cells, human liver tissue, HT-1080 cells
Species Specificity: human	IP : HeLa cells,
Cited Species: human, rat, mouse	

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

*** 20ul sizes contain 0.1% BSA

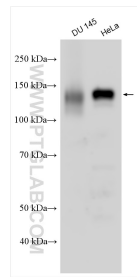
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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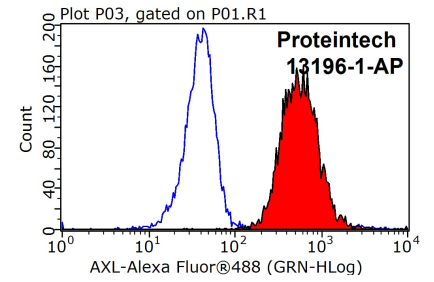
Selected Validation Data



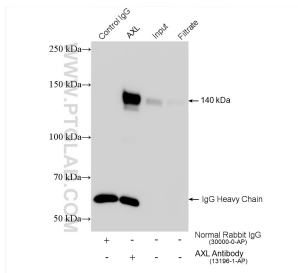
HepG2 cells were subjected to SDS PAGE followed by western blot with 13196-1-AP (AXL antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



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.



1×10^6 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.