

AXL Polyclonal Antibody

Catalog number: 13196-1-AP

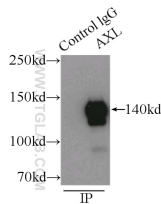
Size: 32 µg/150 µl

Source: Rabbit

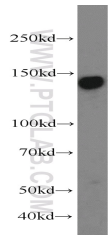
Isotype: IgG

Synonyms:

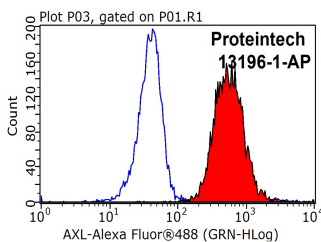
AXL; AXL, AXL oncogene, AXL receptor tyrosine kinase, JTK11, UFO



IP Result of anti-AXL (IP:13196-1-AP, 5µg; Detection:13196-1-AP 1:1000) with HepG2 cells lysate 9000µg.



HepG2 cells were subjected to SDS PAGE followed by western blot with 13196-1-AP (AXL antibody) at dilution of 1:1500



1X10⁶ HeLa cells were stained with 0.2µg 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.

Background

Axl, also known as Ufo or Ark, is a receptor tyrosine kinase of the TAM (Tyro3, 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. This antibody detects a single band at 140 kDa, which is considered to represent the auto-phosphorylated form of endogenous Axl (PMID: 12730092).

Applications

Tested applications:	ELISA, WB, IP, FC
Species specificity:	Human; other species not tested.
Calculated AXL MW:	894aa,98 kDa
Observed AXL MW:	140 kDa
Positive WB detected in	HepG2 cells, HeLa cells, HT-1080 cells, human liver tissue
Positive IP detected in	HepG2 cells
Positive FC detected in	HeLa cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:500-1:5000 FC: N/A

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3898
GenBank accession number:	BC032229
Gene ID (NCBI):	558
Full name:	AXL receptor tyrosine kinase

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.