

For Research Use Only

Phospho-AXL (Tyr779) Recombinant antibody, PBS Only

Catalog Number: 82816-4-PBS



Basic Information

Catalog Number:	82816-4-PBS	GenBank Accession Number:	BC032229	Purification Method:	Protein A purification
Concentration:	1 mg/ml	GeneID (NCBI):	558	CloneNo.:	242719C12
Source:	Rabbit	UNIPROT ID:	P30530		
Isotype:	IgG	Full Name:	AXL receptor tyrosine kinase		
		Calculated MW:	894 aa, 98 kDa		
		Observed MW:	140 kDa		

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

Axl, also known as Ufo or Ark, is a receptor tyrosine kinase of the TAM (Tyr03, Axl and Mer) family. Phospho-AXL (Tyr779) refers to the phosphorylated form of the receptor tyrosine kinase AXL at tyrosine 779 within its intracellular kinase domain. Upon ligand binding (e.g., Gas6 or HGF), AXL dimerizes and undergoes trans-autophosphorylation, generating phospho-Tyr779 that serves as a docking site for the p85 regulatory subunit of PI3K, thereby activating the PI3K/AKT/mTOR pathway and promoting cell survival, migration, and invasion. (PMID: 28251492)

Storage

Storage:
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

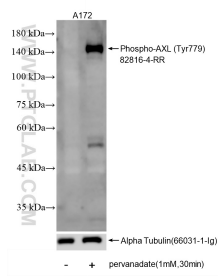
T: 4006900926

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



Non-treated A172 cells and pervanadate treated A172 cells were subjected to SDS PAGE followed by western blot with 82816-4-RR (Phospho-AXL (Tyr779) antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Alpha Tubulin (66031-1-Ig) antibody as a loading control. This data was developed using the same antibody clone with 82816-4-PBS in a different storage buffer formulation.