

For Research Use Only

# Phospho-AXL (Tyr779) Recombinant antibody

Catalog Number: 82816-4-RR



## Basic Information

Catalog Number:

82816-4-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

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:

Protein A purification

CloneNo.:

242719C12

Recommended Dilutions:

WB: 1:1000-1:6000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : pervanadate treated A172 cells,

## 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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

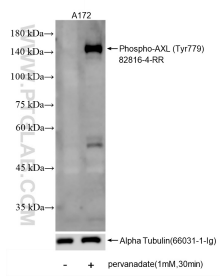
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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# 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.