

## Axl (Phospho Tyr691) Rabbit pAb

CatalogNo: YP0779 **Orthogonal Validated** 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IHC, IF, ELISA

#### MW

- 130kD (Observed)

#### Isotype

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:500-1:2000**

**IHC 1:100-1:300**

**ELISA 1:20000**

**IF 1:50-200**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human AXL around the phosphorylation site of Tyr691. AA range:657-706

## Specificity

Phospho-Axl (Y691) Polyclonal Antibody detects endogenous levels of Axl protein only when phosphorylated at Y691. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):KlyNG

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## | Target Information

**Gene name** AXL UFO

**Protein Name** Tyrosine-protein kinase receptor UFO

Organism	Gene ID	UniProt ID
Human	<a href="#">558;</a>	<a href="#">P30530;</a>
Mouse	<a href="#">26362;</a>	<a href="#">Q00993;</a>

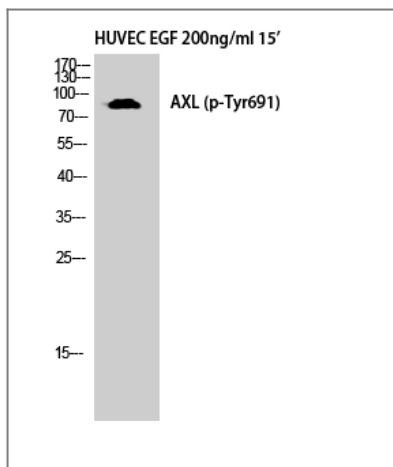
**Cellular Localization** Cell membrane ; Single-pass type I membrane protein .

**Tissue specificity** Highly expressed in metastatic colon tumors. Expressed in primary colon tumors. Weakly expressed in normal colon tissue.

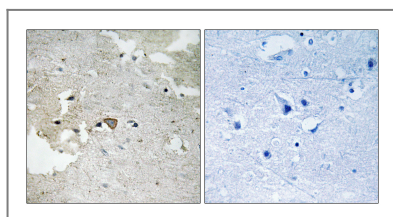
**Function** Catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate. ,Disease:Has transforming potential in patients with chronic myeloproliferative disorder or chronic myelocytic leukemia. ,Function:May function as a signal transducer between specific cell types of mesodermal origin. In case of filovirus infection , seems to function as a cell entry factor. ,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. AXL/UFO subfamily. ,similarity:Contains 1 protein kinase domain. ,similarity:Contains 2 fibronectin type-III domains. ,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains. ,subunit:Heterodimer and heterotetramer with GAS6. ,tissue specificity:Highly expressed in metastatic colon tumors. Expressed in primary colon tumors. Weakly expressed in normal colon tissue. ,

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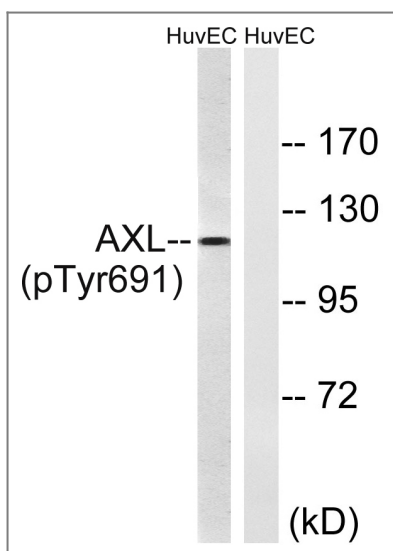
## | Validation Data



Western Blot analysis of HuvEc cells using Phospho-Axl (Y691) Polyclonal Antibody diluted at 1:500



Immunohistochemistry analysis of paraffin-embedded human brain, using AXL (Phospho-Tyr691) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HUVEC cells treated with EGF 200ng/ml 15', using AXL (Phospho-Tyr691) Antibody. The lane on the right is blocked with the phospho peptide.

## Contact information

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Please scan the QR code to access additional product information:  
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