

## AXL (Phospho Tyr697) rabbit pAb

|                              |   |
|------------------------------|---|
| <b>Catalog No :</b>          | YP1605  |
| <b>Reactivity :</b>          | Human;Mouse;Rat   |
| <b>Applications :</b>        | WB;ELISA  |
| <b>Target :</b>              | AXL   |
| <b>Fields :</b>              | >>EGFR tyrosine kinase inhibitor resistance   |
| <b>Gene Name :</b>           | AXL UFO   |
| <b>Protein Name :</b>        | AXL (Phospho Tyr697)  |
| <b>Human Gene Id :</b>       | 558   |
| <b>Human Swiss Prot No :</b> | P30530  |
| <b>Mouse Gene Id :</b>       | 26362   |
| <b>Mouse Swiss Prot No :</b> | Q00993  |
| <b>Immunogen :</b>           | Synthesized peptide derived from human AXL (Phospho Tyr697)   |
| <b>Specificity :</b>         | This antibody detects endogenous levels of Human,Mouse,Rat AXL (Phospho Tyr697)                           |
| <b>Formulation :</b>         | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                   |
| <b>Source :</b>              | Polyclonal, Rabbit,IgG  |
| <b>Dilution :</b>            | WB 1:1000-2000 ELISA 1:5000-20000   |
| <b>Purification :</b>        | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. |
| <b>Concentration :</b>       | 1 mg/ml   |

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

**Observed Band :** 130kD

**Background :** The protein encoded by this gene is a member of the Tyro3-Axl-Mer (TAM) receptor tyrosine kinase subfamily. The encoded protein possesses an extracellular domain which is composed of two immunoglobulin-like motifs at the N-terminal, followed by two fibronectin type-III motifs. It transduces signals from the extracellular matrix into the cytoplasm by binding to the vitamin K-dependent protein growth arrest-specific 6 (Gas6). This gene may be involved in several cellular functions including growth, migration, aggregation and anti-inflammation in multiple cell types. Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jul 2013],

**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.,

**Subcellular Location :** Cell membrane ; Single-pass type I membrane protein .

**Expression :** Highly expressed in metastatic colon tumors. Expressed in primary colon tumors. Weakly expressed in normal colon tissue.

**Sort :** 2533

**No4 :** 1

**Host :** Rabbit

**Modifications :** Phospho

## Products Images