

Anti-Human/Mouse/Rat Phospho-AXL (Tyr691) Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA01828

3th Edition

Description: 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. AXL (AXL Receptor Tyrosine Kinase) is a Protein Coding gene. Diseases associated with AXL include Lymphocytic Choriomeningitis and Femoral Neuropathy. Among its related pathways are GPCR Pathway and RET signaling. GO annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein tyrosine kinase activity. An important paralog of this gene is MERTK.

Antigen: Synthesized peptide derived from human Axl around the phosphorylation site of Tyr691

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

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