www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

AXL

Reactivity: Human

Tested applications:WB IHC FC

Recommended Dilution:WB 1:500 - 1:1000 IHC1:50 - 1:100 FC 1:20 - 1:50

Calculated MW:98kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human AXL

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

AXL;JTK11;UFO;

Catalog #:A0532

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:558

Isotype: IgG

Swiss Prot:P30530

Purity: Affinity purification

For research use only.

Background:

Axl, Sky and Mer are three members of a receptor tyrosine kinase (RTK) family that share a conserved intracellular tyrosine kinase domain and an extracellular domain similar to those seen in cell adhesion molecules. These RTKs bind the vitamin K-dependent protein growth-arrest-specific 6 (Gas6), which is structurally related to the protein S anticoagulation factor (1). Upon binding to its receptor, Gas6 activates phosphatidylinositol 3-kinase (PI3K) and its downstream targets Akt and S6K, as well as NF-B (2,3). A large body of evidence supports a role for Gas6/Axl signaling in cell growth and survival in normal and cancer cells (4).

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