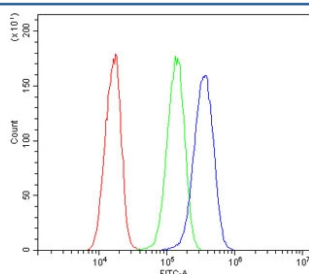


## AXL Antibody (RQ6041)

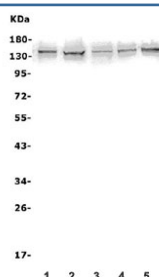
Catalog No.	Formulation	Size
RQ6041	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	P30530
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This AXL antibody is available for research use only.



Flow cytometry testing of human HeLa cells with AXL antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= AXL antibody.



Western blot testing of human 1) A431, 2) U-2 OS, 3) U-87 MG, 4) PC-3 and 5) K562 lysate with AXL antibody. Expected molecular weight: 104-140 kDa depending on glycosylation level.

## Description

Tyrosine-protein kinase receptor UFO is an enzyme that in humans is encoded by the AXL gene. This gene is mapped to 19q13.2. 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.

## Application Notes

Optimal dilution of the AXL antibody should be determined by the researcher.

## Immunogen

Recombinant human protein (amino acids A47-A244) was used as the immunogen for the AXL antibody.

## Storage

After reconstitution, the AXL antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.