

**Product Name: KD-Validated AXL Recombinant Rabbit Monoclonal Antibody****Catalog #: KVA00620**

For research use only.

**Summary**

|                     |                                                                             |
|---------------------|-----------------------------------------------------------------------------|
| <b>Description</b>  | KO&KD-Validated antibody                                                    |
| <b>Host</b>         | Rabbit                                                                      |
| <b>Application</b>  | WB                                                                          |
| <b>Reactivity</b>   | Human,Rat                                                                   |
| <b>Conjugation</b>  | Unconjugated                                                                |
| <b>Modification</b> | Unmodified                                                                  |
| <b>Isotype</b>      | Rabbit IgG                                                                  |
| <b>Clonality</b>    | Rabbit mAb                                                                  |
| <b>Form</b>         | Liquid                                                                      |
| <b>Storage</b>      | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| <b>Shipping</b>     | Ice bags                                                                    |
| <b>Buffer</b>       | Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.   |
| <b>Purification</b> | Affinity purification                                                       |

**Application**

|                         |                        |
|-------------------------|------------------------|
| <b>Dilution Ratio</b>   | WB 1:1,000-1:5,000     |
| <b>Molecular Weight</b> | Calculated MW: 98.3kDa |

**Antigen Information**

|                          |                                                                                           |
|--------------------------|-------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | AXL<br>AXL; AXL Receptor Tyrosine Kinase; UFO; JTK11; Tyro7; ARK; Tyrosine-Protein Kinase |
| <b>Alternative Names</b> | Receptor UFO; AXL Oncogene; EC 2.7.10.1; AXL Transforming Sequence/Gene; EC 2.7.10; AXL3  |
| <b>Gene ID</b>           | 558.0                                                                                     |
| <b>SwissProt ID</b>      | P30530                                                                                    |
| <b>Immunogen</b>         | Recombinant protein of human Axl                                                          |

**Background**

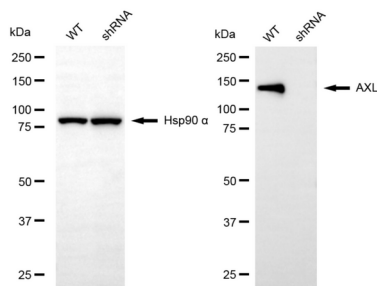
The protein encoded by this gene is a member of the Tyro3-Axl-Mer (TAM) receptor tyrosine kinase subfamily. The encoded protein possesses an extracellular domain which is composed of two immunoglobulin-like motifs at the N-terminal, followed

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. The encoded protein acts as a host cell receptor for multiple viruses, including Marburg, Ebola and Lassa viruses and is a candidate receptor for the SARS-CoV2 virus. [provided by RefSeq, Sep 2021]

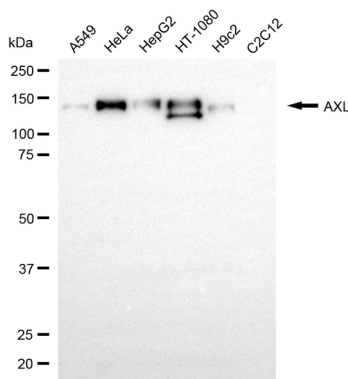
## Research Area

Cell Biology, Tags & Cell Markers, Signal Transduction, Cancer, Neuroscience

## Image Data



Western blotting analysis using AXL antibody (KVA00620). AXL expression in wild-type (WT) and AXL shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with AXL antibody (KVA00620, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using AXL antibody (KVA00620). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with AXL antibody (KVA00620, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.