

Rabbit anti-Human AXL Polyclonal Antibody | anti-AXL antibody

Anti-AXL Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125395	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

AXL; Polyclonal Antibody; Anti-AXL Antibody; Tyrosine-protein kinase receptor UFO (EC:2.7.10.1); AXL oncogene; UFO; anti-AXL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	885
Applicable Applications for anti-AXL antibody	ELISA (Direct ELISA), FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	E Coli-derived human AXL recombinant protein (Position: A47-A244).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES

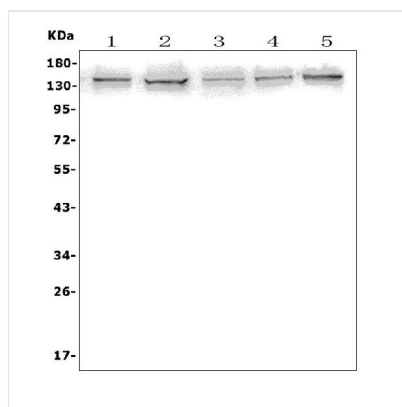
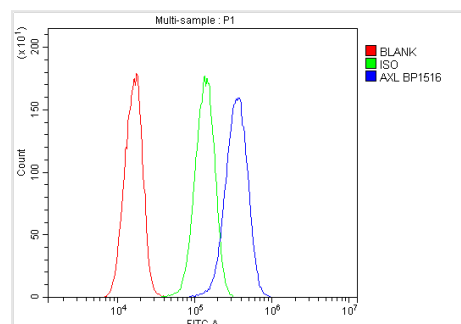

WB (Western Blot)

Figure 1. Western blot analysis of AXL using anti-AXL antibody.


FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-AXL antibody	Description: Rabbit IgG polyclonal antibody for AXL detection. Tested with WB, FCM, Direct ELISA in Human. Background: 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.
References	1. Temperton, N. J., Wright, E. Retroviral pseudotypes. In: Encyclopedia of Life Sciences. Chichester, England: John Wiley & Sons, Ltd. 2009. 2. Varnum, B. C., Young, C., Elliott, G., Garcia, A., Bartley, T. D., Fridell, Y.-W., Hunt, R. W., Trail, G., Clogston, C., Toso, R. J., Yanagihara, D., Bennett, L., Sylber, M., Merewether, L. A., Tseng, A., Escobar, E., Liu, E. T., Yamane, H. K. Axl receptor tyrosine kinase stimulated by the vitamin K-dependent protein encoded by growth-arrest-specific gene 6. Nature 373: 623-626, 1995. 3. Zhang, Z., Lee, J. C., Lin, L., Olivas, V., Au, V., LaFramboise, T., Abdel-Rahman, M., Wang, X., Levine, A. D., Rho, J. K., Choi, Y. J., Choi, C.-M., and 18 others. Activation of the AXL kinase causes resistance to EGFR-targeted therapy in lung cancer. Nature Genet. 44: 852-860, 2012.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21536468
NCBI GeneID	558
NCBI Accession #	NP_001690.2
NCBI GenBank Nucleotide #	NP_001690.2
UniProt Accession #	P30530
NCBI Official Full Name	tyrosine-protein kinase receptor UFO isoform 2
NCBI Official Synonym Full Names	AXL receptor tyrosine kinase
NCBI Official Symbol	AXL
NCBI Official Synonym Symbols	ARK; UFO; JTK11; Tyro7
NCBI Protein Information	tyrosine-protein kinase receptor UFO
UniProt Protein Name	Tyrosine-protein kinase receptor UFO
UniProt Gene Name	AXL
UniProt Synonym Gene Names	UFO
UniProt Entry Name	UFO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.