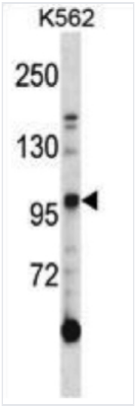
AXL Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Axl, Polyclonal Antibody
Full Product Name	Axl, NT (Axl, Ark, Ufo, Tyrosine-protein kinase receptor UFO, Adhesion-related kinase)
Product Gene Name	anti-AXL antibody
Product Synonym Names	Anti -Axl, NT (Axl, Ark, Ufo, Tyrosine-protein kinase receptor UFO, Adhesion-related kinase)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Human
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	98,336 Da
Chromosome Location	Chromosome: 19; NC_000019.9 (41725104..41767672). Location: 19q13.1
OMIM	109135
3D Structure	ModBase 3D Structure for P30530
Immunogen	Mouse Axl antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 121-149 amino acids from the N-terminal region of human Mouse Axl.
Product Categories/Family for anti-AXL antibody	Antibodies; Abs to Protein Kinases
Applications Tested/Suitable for anti-AXL antibody	ELISA (EL/EIA), Western Blot (WB)
Application Notes for anti-AXL antibody	Suitable for use in Western Blot, ELISA Dilution: ELISA: 1:1,000 Western Blot: 1:100-500
Related Product Information for anti-AXL antibody	Axl may function as a signal transducer between specific cell types of mesodermal origin.
Other Notes	Small volumes of anti-AXL antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for AXL purchase	MBS6010370 is an antibody targeting AXL. Also known as Axl, NT (Axl, Ark, Ufo, Tyrosine-protein kinase receptor UFO, Adhesion-related kinase). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-AXL antibody
Western Blot analysis of Axl expression in K562 cell lysate (35ug/lane) using antibody MBS6010370.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AXL. It may not necessarily be applicable to this product.

NCBI GI #	119577427
NCBI GeneID	558
NCBI Accession #	EAW57023.1
UniProt Primary Accession #	P30530
UniProt Secondary Accession #	Q8N5L2; Q9UD27
UniProt Related Accession #	P30530
NCBI Official Full Name	AXL receptor tyrosine kinase, isoform CRA_b
NCBI Official Synonym Full Names	AXL receptor tyrosine kinase
NCBI Official Symbol	AXL
NCBI Official Synonym Symbols	UFO; JTK11
UniProt Protein Name	Tyrosine-protein kinase receptor UFO
UniProt Synonym Protein Names	AXL oncogene
Protein Family	Tyrosine-protein kinase receptor
UniProt Gene Name	AXL
UniProt Synonym Gene Names	UFO
UniProt Entry Name	UFO_HUMAN
NCBI Protein Information	tyrosine-protein kinase receptor UFO; AXL oncogene; AXL transforming sequence/gene
NCBI Summary for AXL	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. [provided by RefSeq, Jul 2013]

UniProt Comments for AXL	AXL: a receptor tyrosine kinase that may function as a signal transducer between specific cell types of mesodermal origin. Interacts with SKP1. Overexpression in tissue culture causes oncogenic transformation. Overexpressed in several cancers including thyroid, ovarian, gastric, ER+ breast cancer and acute myeloid leukemia, where it is associated with poor prognosis. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Protein kinase, TK; Kinase, protein; EC 2.7.10.1; Oncoprotein; Protein kinase, tyrosine (receptor); Membrane protein, integral; TK group; Axl family Chromosomal Location of Human Ortholog: 19q13.1 Cellular Component: extracellular space; cell surface; integral to plasma membrane; plasma membrane Molecular Function: protein binding; protein heterodimerization activity; phosphatidylserine binding; protein-tyrosine kinase activity; phosphoinositide 3-kinase binding; transmembrane receptor protein tyrosine kinase activity; ATP binding; myosin heavy chain binding Biological Process: peptidyl-tyrosine phosphorylation; cell maturation; neuron migration; signal transduction; positive regulation of natural killer cell differentiation; erythrocyte homeostasis; ovulation cycle; natural killer cell differentiation; negative regulation of interferon-gamma production; protein kinase B signaling cascade; negative regulation of neuron apoptosis; inflammatory response; secretion by cell; forebrain cell migration; negative regulation of lymphocyte activation; platelet activation; organ regeneration; vagina development; negative regulation of tumor necrosis factor production; phagocytosis; positive regulation of protein kinase B signaling cascade; cellular response to extracellular stimulus; innate immune response; blood vessel remodeling; spermatogenesis; positive regulation of cytokine and chemokine mediated signaling pathway; vascular endothelial growth factor receptor signaling pathway; apoptotic cell clearance
Research Articles on AXL	**1.** These results indicate that Mer and Axl have complementary and overlapping roles in Non-small cell lung cancer
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