

bs-5180R**[Primary Antibody]****Bioss**
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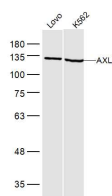
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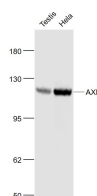
400-901-9800

AXL Rabbit pAb**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 558**SWISS:** P30530**Target:** AXL**Immunogen:** KLH conjugated synthetic peptide derived from human AXL: 151-250/894.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

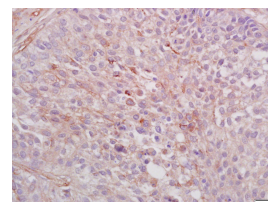
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene is a member of the receptor tyrosine kinase subfamily. Although it is similar to other receptor tyrosine kinases, the Axl protein represents a unique structure of the extracellular region that juxtaposes IgL and FNIII repeats. It transduces signals from the extracellular matrix into the cytoplasm by binding growth factors such as vitamin K dependent protein growth arrest specific gene 6. It is involved in the stimulation of cell proliferation. This receptor can also mediate cell aggregation by homophilic binding. Axl is a chronic myelogenous leukemia associated oncogene and also associated with colon cancer and melanoma. The Axl gene is evolutionarily conserved between vertebrate species. This gene has two different alternatively spliced transcript variants (AXL1 and AXL2).**Applications:** WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Reactivity:** Human, Mouse
(predicted: Rat, Rabbit,
Dog, Horse)**Predicted
MW.:** 95 kDa**Subcellular
Location:** Cell membrane**— VALIDATION IMAGES —**

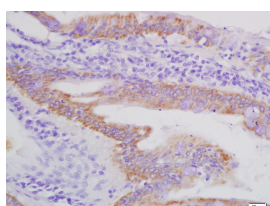
Sample: Lovo(Human) Cell Lysate at 40 ug
K562(Human) Cell Lysate at 40 ug Primary: Anti-AXL (bs-5180R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 95 kD Observed band size: 95 kD



Sample: Testis (Mouse) Lysate at 40 ug HeLa (Human) Cell Lysate at 30 ug Primary: Anti-AXL (bs-5180R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 140/120/65 kD Observed band size: 120 kD



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-AXL/UFO Polyclonal Antibody, Unconjugated(bs-5180R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human colon carcinoma; 4%

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-AXL/UFO Polyclonal Antibody, Unconjugated(bs-5180R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=45.5]** Yash Chhabra. et al. Sex-dependent effects in the aged melanoma tumor microenvironment influence invasion and resistance to targeted therapy. CELL. 2024 Oct;187:6016-6034.e25 WB,IHC ;Mouse,Human. 39243764
- **[IF=17.694]** Zhuang Wan-Ru. et al. Bacterial outer membrane vesicle based versatile nanosystem boosts the efferocytosis blockade triggered tumor-specific immunity. NAT COMMUN. 2023 Mar;14(1):1-15 WB ;Mouse. 36966130
- **[IF=8.786]** Yongquan Han. et al. Axl promotes intracranial aneurysm rupture by regulating macrophage polarization toward M1 via STAT1/HIF-1 α . FRONT IMMUNOL. 2023; 14: 1158758 WB ;Mouse. 37223093
- **[IF=7.79]** Xiaojie Zhang. et al. Bio-engineered Nano-vesicles for IR820 Delivery: A Therapy Platform for Cancer by Surgery and Photothermal Therapy. Nanoscale. 2021 Dec;: WB ;Human. 10.1039/D1NR05601H
- **[IF=8.322]** Zhou, Hang. et al. AXL kinase-mediated astrocytic phagocytosis modulates outcomes of traumatic brain injury. J Neuroinflamm. 2021 Dec;18(1):1-17 WB,IF ;Mouse. 34233703