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Datasheet for ABIN7265804

anti-AXL antibody

5 Images

Overview

Quantity:	100 µL
Target:	AXL
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunofluorescence (IF)

Product Details

Purpose:	Axl Rabbit pAb
Immunogen:	A synthetic peptide of human AXL
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	AXL
Alternative Name:	Axl (AXL Products)
Background:	The protein encoded by this gene is a member of the Tyro3-Axl-Mer (TAM) receptor tyrosine

Target Details

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. [AXL](#), [ARK](#), [JTK11](#), [Tyro7](#), [UFO](#), [Cancer](#), [Signal Transduction](#), [Kinase](#), [Tyrosine kinases](#), [Cell Biology & Developmental Biology](#), [Cell Cycle](#), [Immunology & Inflammation](#), [Axl](#)

Molecular Weight: 97kDa/98kDa

Gene ID: 558

UniProt: [P30530](#)

Pathways: [RTK Signaling](#), [Cellular Response to Molecule of Bacterial Origin](#)

Application Details

Application Notes: WB,1:500 - 1:1000,IHC,1:50 - 1:200,IF,1:50 - 1:200,IP,1:50 - 1:100

Restrictions: For Research Use only

Handling

Format: Liquid

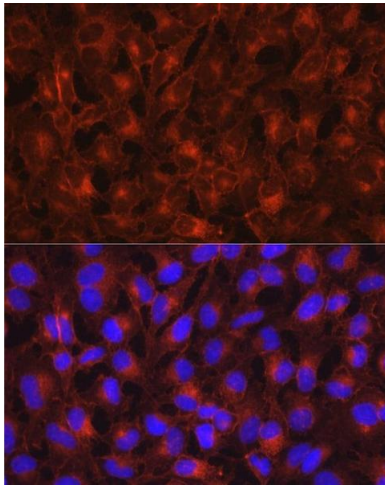
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

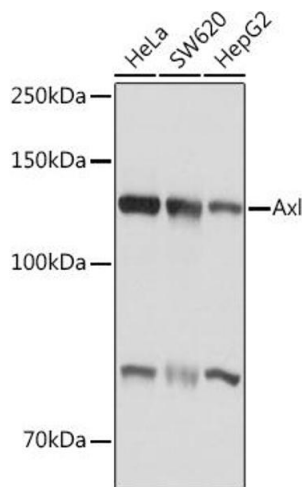
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



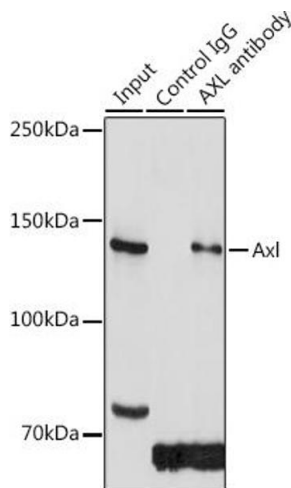
Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using Axl Rabbit pAb (ABIN7265804) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using Axl antibody (ABIN7265804) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Immunoprecipitation

Image 3. Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg Axl antibody (ABIN7265804). Western blot was performed from the immunoprecipitate using AXL antibody (ABIN7265804) at a dilution of 1:1000.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7265804.