



[Go to Product page](#)

Datasheet for ABIN5667815

anti-WNT4 antibody (AA 250-351) (Atto 488)

2 Images

Overview

Quantity:	100 µg
Target:	WNT4
Binding Specificity:	AA 250-351
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNT4 antibody is conjugated to Atto 488
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide from the C-terminal of Human Wnt4 (aa. 250-351)
Specificity:	Detects 33 kDa. 33 kDa is isoform 2.
Purification:	Peptide Affinity Purified

Target Details

Target:	WNT4
Alternative Name:	Wnt4 (WNT4 Products)
Gene ID:	54361
NCBI Accession:	NP_110388
UniProt:	P56705

Target Details

Pathways: [WNT Signaling](#), [Regulation of Hormone Metabolic Process](#), [Regulation of Hormone Biosynthetic Process](#), [Cell-Cell Junction Organization](#), [Tube Formation](#)

Application Details

Application Notes:

- WB (1:1000)
- IHC (1:50)
- optimal dilutions for assays should be determined by the user.

Comment: A 1:1000 dilution of SPC-759 was sufficient for detection of Wnt1 in 10 µg of human 293T cell lysates by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

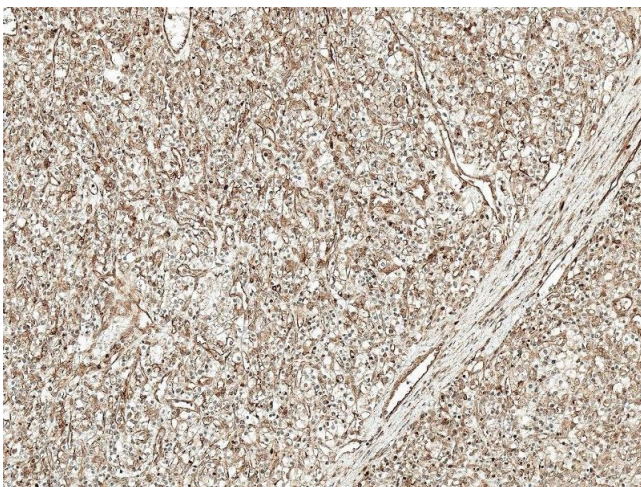
Buffer: PBS pH 7.4, 50 % glycerol, 0.09 % Sodium Azide

Preservative: Sodium azide

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

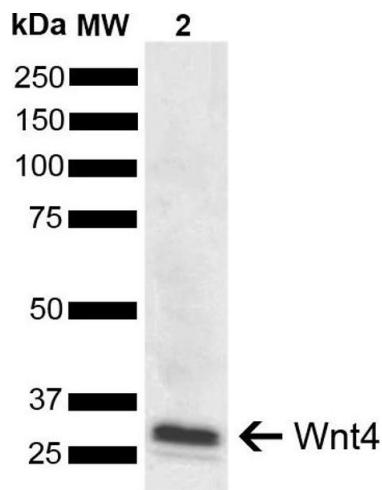
Storage: -20 °C

Images



Immunohistochemistry

Image 1. Immunohistochemistry analysis using Rabbit Anti-Wnt4 Polyclonal Antibody (ABIN5667815). Tissue: Kidney. Species: Human. Fixation: Formalin Fixed Paraffin-Embedded. Primary Antibody: Rabbit Anti-Wnt4 Polyclonal Antibody (ABIN5667815) at 1:50 for 30 min at RT. Counterstain: Hematoxylin. Magnification: 10X. HRP-DAB Detection.



Western Blotting

Image 2. Western blot analysis of Human Cervical cancer cell line (HeLa) lysate showing detection of ~39.1 kDa Wnt4 protein using Rabbit Anti-Wnt4 Polyclonal Antibody (ABIN5667815). Lane 1: Molecular Weight Ladder (MW). Lane 2: HeLa. Load: 10 µg. Block: 5 % Skim Milk in 1X TBST. Primary Antibody: Rabbit Anti-Wnt4 Polyclonal Antibody (ABIN5667815) at 1:1000 for 2 hours at RT. Secondary Antibody: Goat Anti-Rabbit IgG: HRP at 1:5000 for 1 hour at RT. Color Development: ECL solution for 5 min at RT. Predicted/Observed Size: ~39.1 kDa. Other Band(s): 33 kDa.