

ROBO1 antibody

Cat. No. GTX114103

| | |
|--------------|-----------------------|
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Applications | WB, ICC/IF, IHC-P |
| Reactivity | Human, Mouse, Chicken |

References (6)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB | 1:500-1:3000 |
| ICC/IF | Assay dependent |
| IHC-P | 1:100-1:1000 |

Not tested in other applications.

Calculated MW 181 kDa. ([Note](#))

Properties

| | |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form | Liquid |
| Buffer | PBS, 20% Glycerol |
| Preservative | 0.025% ProClin 300 |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 1.26 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Recombinant protein encompassing a sequence within the Extracellular domain of human ROBO1. The exact sequence is proprietary. |
| Purification | Purified by antigen-affinity chromatography. |
| Conjugation | Unconjugated |

Note

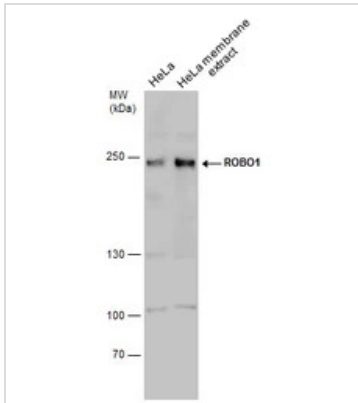
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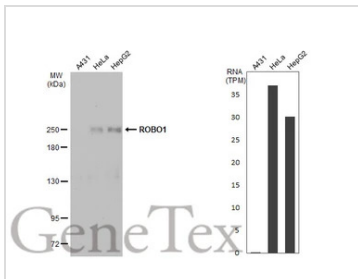


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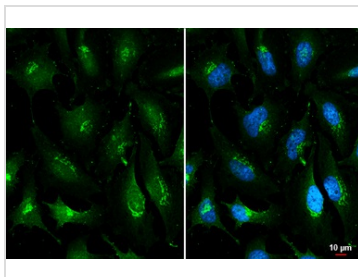
DATA IMAGES


GTx114103 WB Image

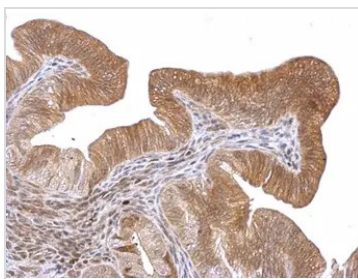
HeLa whole cell and membrane extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with ROBO1 antibody (GTx114103) diluted at 1:1000.


GTx114103 WB Image

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with ROBO1 antibody (GTx114103) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.


GTx114103 ICC/IF Image

ROBO1 antibody detects ROBO1 protein at Golgi apparatus by immunofluorescent analysis.
Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.
Green: ROBO1 stained by ROBO1 antibody (GTx114103) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTx30920).
Scale bar= 10 µm.


GTx114103 IHC-P Image

ROBO1 antibody detects ROBO1 protein at cytosol on mouse cervix by immunohistochemical analysis.
Sample: Paraffin-embedded mouse cervix.
ROBO1 antibody (GTx114103) dilution: 1:500.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



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