

ZPR1 Antibody

Catalog No: #46722



Package Size: #46722-1 50ul #46722-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

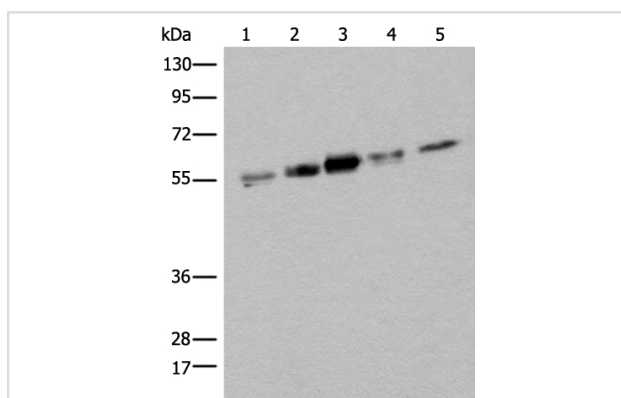
| | |
|-----------------------|---|
| Product Name | ZPR1 Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antigen affinity purification |
| Applications | WB IHC |
| Species Reactivity | Hu |
| Specificity | The antibody detects endogenous levels of total ZPR1 protein. |
| Immunogen Type | peptide |
| Immunogen Description | Synthetic protein corresponding to residues near the C terminal of human ZPR1 |
| Target Name | ZPR1 |
| Other Names | ZNF259 |
| Accession No. | Swiss-Prot:O75312NCBI Gene ID:8882NCBI Protein:BC004256 |
| Calculated MW | 51 kDa |
| Concentration | 0.9mg/ml |
| Formulation | Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol. |
| Storage | Store at -20°C |

Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1: 30-150

Images



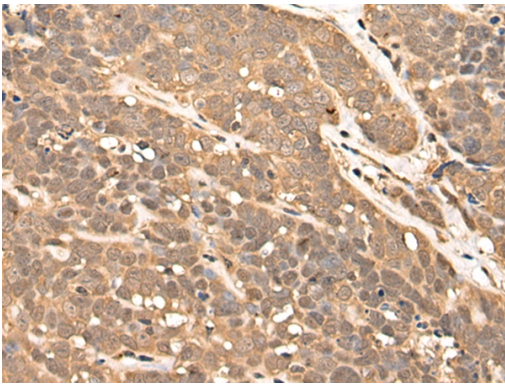
Gel: 8%SDS-PAGE

lysate: 40 µg, Lane 1-5:

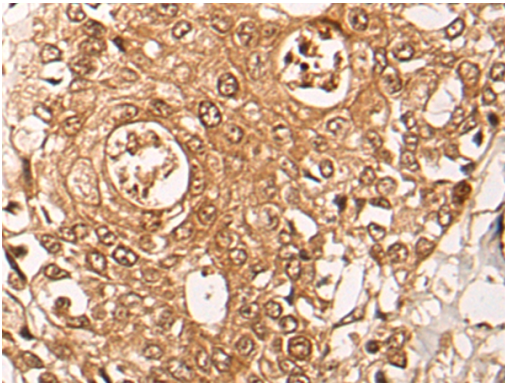
Hela, HEPG2, 231B and A431 and Jurkat cell lysates,
Primary antibody: 46722 ZPR1 Antibody) at dilution 1/400
dilution,

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,

Exposure time: 20 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 46722(ZPR1 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using 46722(ZPR1 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: x200)

Background

The protein encoded by this gene is found in the cytoplasm of quiescent cells but translocates to the nucleolus in proliferating cells. The encoded protein interacts with survival motor neuron protein (SMN1) to enhance pre-mRNA splicing and to induce neuronal differentiation and axonal growth. Defects in this gene or the SMN1 gene can cause spinal muscular atrophy. Two transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.