AXIN1 Antibody

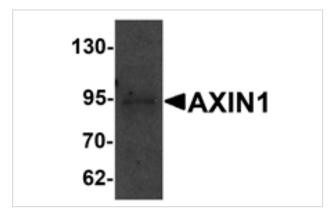
Catalog No: #25201



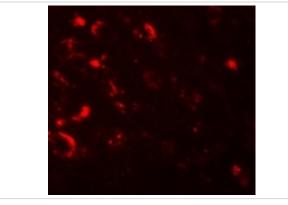
Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

| Description | Support: tech@signalwayantibody.com |
|-----------------------|--|
| Product Name | AXIN1 Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Affinity chromatography purified via peptide column |
| Applications | ELISA WB ICC |
| Species Reactivity | Hu Ms Rt |
| Immunogen Type | Peptide |
| Immunogen Description | Raised against a 14 amino acid peptide near the carboxy terminus of human AXIN1. |
| Target Name | AXIN1 |
| Other Names | AXIN |
| Accession No. | Swiss-Prot:O15169Gene ID:8312 |
| Uniprot | O15169 |
| GeneID | 8312; |
| Concentration | 1mg/ml |
| Formulation | Supplied in PBS containing 0.02% sodium azide. |
| Storage | Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated |
| | freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |

Images



Western blot analysis of AXIN1 in SK-N-SH cell lysate with AXIN1 antibody at 1 ug/mL.



Immunofluorescence of AXIN1 in human brain tissue with AXIN1 antibody at 20 $\mbox{ug/mL}.$

Background

AXIN1 is a cytoplasmic protein which contains a regulation of G-protein signaling (RGS) domain and a dishevelled and axin (DIX) domain and is thought to function as a negative regulator of the WNT signaling pathway that regulates embryonic axis formation. AXIN1 interacts with adenomatosis polyposis coli (APC), beta-catenin, glycogen synthase kinase 3 beta, forming a tetrameric complex resulting in the regulation of the stabilization of beta-catenin. Mutations in the AXIN1 gene have been associated various carcinomas, indicating that it also functions as a tumor suppressor.

Note: This product is for in vitro research use only