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Product datasheet for TA319346

Gli2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1:15,000 - 1:60,000, WB: 1:500 - 1:2,000, IHC: 2 ug/ml to 20 ug/ml
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to amino acids from an internal region of Mouse Gli-2.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	GLI-Kruppel family member GLI2
Database Link:	NP_001074594 Entrez Gene 14633 Mouse Q0VGT2
Synonyms:	HPE9; OTTHUMP00000204359; THP; THP1; THP2

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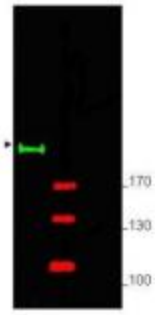
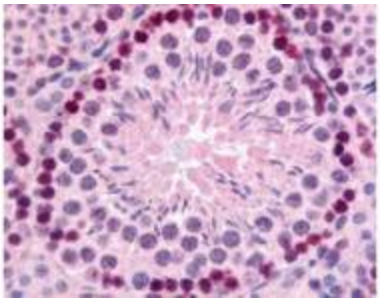
Note: Gli-2 (also known as Zinc Finger Protein Gli-2, GLI-Kruppel family member GLI-2 or Tax helper protein) belongs to the C2H2-type zinc finger protein subclass of the Gli family. Members of this subclass are characterized as transcription factors that bind DNA through zinc finger motifs. These motifs contain conserved H-C links. Gli family zinc finger proteins are mediators of Sonic hedgehog (Shh) signaling, and they are implicated as potent oncogenes in the embryonal carcinoma cell. The protein encoded by this gene localizes to the cytoplasm and activates patched Drosophila homolog (PTCH) gene expression. Gli-2 is also thought to play a role during embryogenesis. The encoded protein is associated with several phenotypes: Greig cephalopolysyndactyly syndrome, Pallister-Hall syndrome, pre-axial

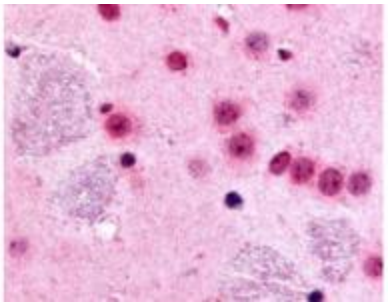
Product images:



WB using Anti-Gli-2 antibody shows detection of a predominant band at ~190 kDa corresponding to Gli-2 (arrowhead) in mouse brain whole cell lysate (lane 1). Pre-incubation of antibody with immunizing peptide completely blocks staining of this band (lane 2). The primary antibody was diluted to 1:750. Incubation was at RT for 2 h followed by washes and reaction with a 1:10,000 dilution of IRDye® 800 conjugated Gt-a-Rabbit IgG (H&L) MX10 for 45 min at room temperature.



Affinity Purified anti-mouse Gli-2 antibody was used at 10 ug/ml to evaluate staining on several mouse tissues. Moderate to strong staining was seen on many tissues, with low background staining. This image shows Gli-2 staining of mouse testis. Tissue was formalin-fixed and paraffin embedded.



Affinity Purified anti-mouse Gli-2 antibody was used at 10 ug/ml to evaluate staining on several mouse tissues. Moderate to strong staining was seen on many tissues with low background staining. This image shows Gli-2 staining of mouse brain. Tissue was formalin-fixed and paraffin embedded.