

## Rabbit anti-Human GLI2 Polyclonal Antibody | anti-GLI2 antibody

GLI2 antibody - middle region

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                       |
|-----------|--------|------------|------------------------------------|
| AAA23396  | Rabbit | Human      | Immunohistochemistry, Western Blot |

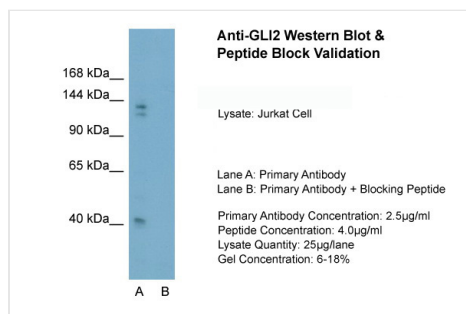
### PRODUCT SYNONYMS

GLI2; Polyclonal Antibody; GLI2 antibody - middle region; anti-GLI2 antibody

### PRODUCT SPECIFICATIONS

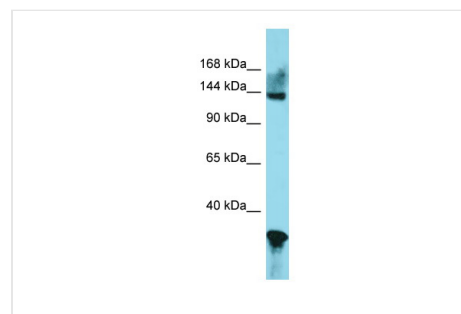
|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Human                                                                                                                                                 |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Protein A purified                                                                                                                                    |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following region: RN DVHLRTPLK ENG DSEAGTE PGGPESTEAS STSQAVEDCL HVRAIKTE                                                  |
| Sequence Length                                | 1258                                                                                                                                                  |
| Applicable Applications for anti-GLI2 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Homology                                       | Human: 100%                                                                                                                                           |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the N terminal region of human GLI2                                                             |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



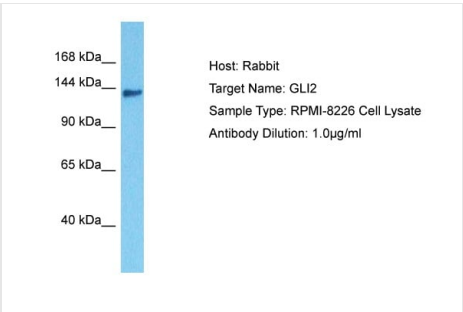
#### WB (Western Blot)

Host: RabbitTarget Name: GLI2Sample Type: JurkatLane A: Primary AntibodyLane B: Primary Antibody + Blocking PeptidePrimary Antibody Concentration: 2.5ug/mLPeptide Concentration: 4.0ug/mLysate Quantity: 25ug/laneGel Concentration: 6%-18%



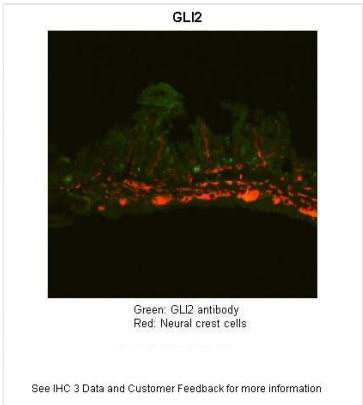
#### WB (Western Blot)

Host: RabbitTarget Name: GLI2Sample Type: HepG2 Whole Cell lysatesAntibody Dilution: 1.0ug/ml



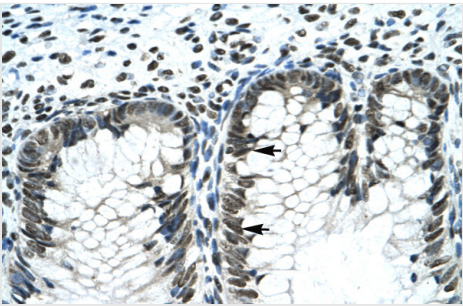
**WB (Western Blot)**

Host: RabbitTarget Name: GLI2Sample Tissue: Human RPMI 8226 Whole CellAntibody Dilution: 1ug/ml



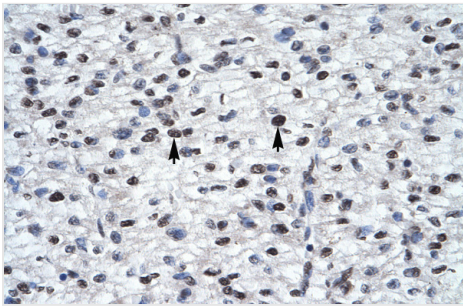
**IHC (Immunohistochemistry)**

Sample Type :Mouse Gut Tissue TgWnt1-Cre/+ Ednrbflex3/+  
Rosa26YFPStop/YFPStopPrimary Antibody Dilution :1:50Secondary Antibody :Goat anti-rabbit-cy3Secondary Antibody Dilution :1:1500Color/Signal Descriptions :GLI2: Green Neural crest cells:: RedGene Name :GLI2Submitted by :Anonymous



**IHC (Immunohistochemistry)**

Rabbit Anti-GLI2 AntibodyParaffin Embedded Tissue: Human IntestineCellular Data: Epithelial cells of intestinal glandAntibody Concentration: 4.0-8.0 ug/mlMagnification: 400X



**IHC (Immunohistochemistry)**

Rabbit Anti-GLI2 AntibodyParaffin Embedded Tissue: Human HeartCellular Data: Myocardial cellsAntibody Concentration: 4.0-8.0 ug/mlMagnification: 400X

**ADDITIONAL INFORMATION**

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GLI2 antibody | <p>This is a rabbit polyclonal antibody against GLI2. It was validated on Western Blot and immunohistochemistry</p> <p>Target Description: GLI2 encodes a protein which belongs to the C2H2-type zinc finger protein subclass of the Gli family. Members of this subclass are characterized as transcription factors which 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. It is also thought to play a role during embryogenesis. The encoded protein is associated with several phenotypes- Greig cephalopolysyndactyly syndrome, Pallister-Hall syndrome, preaxial polydactyly type IV, postaxial polydactyly types A1 and B.</p> |
| Product Categories/Family for anti-GLI2 antibody   | <p>Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Developmental Biology; Signal Transduction; Disease Related; Immunohistochemistry; Chromatin Immunoprecipitation; Transcription Factors; Cell Differentiation</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

**NCBI AND UNIPROT INFORMATION**

|                           |           |
|---------------------------|-----------|
| NCBI GI #                 | 215274258 |
| NCBI GeneID               | 2736      |
| NCBI Accession #          | NP_084655 |
| NCBI GenBank Nucleotide # | NM_030379 |
| UniProt Accession #       | P10070    |
| Molecular Weight          | 133kDa    |

|                                  |                             |
|----------------------------------|-----------------------------|
| NCBI Official Full Name          | Zinc finger protein GLI2    |
| NCBI Official Synonym Full Names | GLI family zinc finger 2    |
| NCBI Official Symbol             | GLI2                        |
| NCBI Official Synonym Symbols    | CJS; HPE9; PHS2; THP1; THP2 |
| NCBI Protein Information         | zinc finger protein GLI2    |
| UniProt Protein Name             | Zinc finger protein GLI2    |
| UniProt Gene Name                | <b>GLI2</b>                 |
| UniProt Entry Name               | GLI2_HUMAN                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/gli2-antibody-immunohistochemistry-western-blot-elisa/23396>