

## Mouse anti-Human GLI/GLI1 Monoclonal Antibody | anti-GLI/GLI1 antibody

Anti-GLI/GLI1 Antibody (aa755-1106, clone 4E2)

|                               |                      |                            |                                                           |
|-------------------------------|----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA162319</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry</b> |
|-------------------------------|----------------------|----------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

GLI/GLI1; Monoclonal Antibody; Anti-GLI/GLI1 Antibody (aa755-1106; clone 4E2); Rabbit Polyclonal to Human GLI/GLI1; GLI1; Gli-1; GLI family zinc finger 1; Glioma-associated oncogene; Glioma-associated oncogene 1; Oncogene GLI; GLI; Zinc finger protein GLI1; anti-GLI/GLI1 antibody

### PRODUCT SPECIFICATIONS

|                                                    |                                                                                                                         |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Host                                               | Mouse                                                                                                                   |
| Reactivity                                         | Human                                                                                                                   |
| Clonality                                          | Monoclonal                                                                                                              |
| Isotype                                            | IgG1                                                                                                                    |
| Clone Number                                       | 4E2                                                                                                                     |
| Specificity                                        | Human GLI/GLI1                                                                                                          |
| Purity/Purification                                | Immunoaffinity Purified                                                                                                 |
| Form/Format                                        | PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide                                                                   |
| Sequence Length                                    | 1106                                                                                                                    |
| Applicable Applications for anti-GLI/GLI1 antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                           |
| Immunogen                                          | Human recombinant protein fragment corresponding to amino acids 755-1106 of human GLI1 (NP_005260) produced in E. coli. |
| Conjugation                                        | Unconjugated                                                                                                            |
| Epitope                                            | aa755-1106                                                                                                              |
| Preparation and Storage                            | Store at -20 degree C.<br>Avoid freeze-thaw cycles.                                                                     |

### IMAGES



#### WB (Western Blot)

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GLI1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GLI1.



#### IHC (Immunohistochemistry)

Human Skin: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

|                                                        |                                                                                                                                                                                                                                                                                                                                                 |
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| Related Product Information for anti-GLI/GLI1 antibody | Acts as a transcriptional activator. May regulate the transcription of specific genes during normal development. May play a role in cranio facial development and digital development, as well as development of the central nervous system and gastrointestinal tract. Mediates SHH signaling and thus cell proliferation and differentiation. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 4885279                                |
| NCBI GeneID                      | 2735                                   |
| NCBI Accession #                 | NP_005260.1                            |
| NCBI GenBank Nucleotide #        | NM_005269.2                            |
| UniProt Accession #              | P08151; Q8TDN9; D0EUY3; E9PQQ9; F5H6H8 |
| Molecular Weight                 | 104,627 Da                             |
| NCBI Official Full Name          | zinc finger protein GLI1 isoform 1     |
| NCBI Official Synonym Full Names | GLI family zinc finger 1               |
| NCBI Official Symbol             | GLI1                                   |
| NCBI Official Synonym Symbols    | GLI                                    |
| NCBI Protein Information         | zinc finger protein GLI1               |
| UniProt Protein Name             | Zinc finger protein GLI1               |
| UniProt Gene Name                | GLI1                                   |
| UniProt Synonym Gene Names       | GLI                                    |

**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://stage.aaabiotech.com/monoclonal/gli-gli1-antibody-clone-4e2-western-blot-immunohistochemistry-elisa/162319>