

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

GLI2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285931	Rabbit	Human	Immunofluorescence, Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

GLI2; Polyclonal Antibody; GLI2 Antibody (C-term); Zinc finger protein GLI2; GLI family zinc finger protein 2 {ECO:0000312|HGNC:HGNC:4318}; Tax helper protein; GLI2 HGNC:4318; anti-GLI2 antibody

PRODUCT SPECIFICATIONS

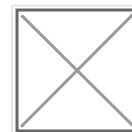
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GLI2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1287-1321 amino acids from the C-terminal region of human GLI2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	1586
Applicable Applications for anti-GLI2 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



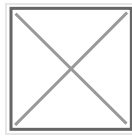
WB (Western Blot)

Western blot analysis of lysates from 293, Jurkat cell line (from left to right), using GLI2 Antibody (C-term). AAA285931 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HeLa cells using GLI2 Antibody (C-term)(green) compared to an isotype control of rabbit IgG(blue). AAA285931 was diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.



IF (Immunofluorescence)

Fluorescent image of HeLa cells stained with GLI2 Antibody (C-term). AAA285931 was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).

ADDITIONAL INFORMATION

Related Product Information for anti-GLI2 antibody	Acts as a transcriptional activator. May play a role during embryogenesis. Binds to the DNA sequence 5'-GAACCACCCA-3' which is part of the TRE-2S regulatory element that augments the Tax-dependent enhancer of human T-cell leukemia virus type 1. Is involved in the smoothened (SHH) signaling pathway.
Product Categories/Family for anti-GLI2 antibody	Crown Antibodies; Neuroscience; Signal Transduction
References	Tanimura A.,et al.J. Virol. 72:3958-3964(1998). Roessler E.,et al.Hum. Mol. Genet. 14:2181-2188(2005). Hillier L.W.,et al.Nature 434:724-731(2005). Tanimura A.,et al.J. Virol. 67:5375-5382(1993). Ruppert J.M.,et al.Mol. Cell. Biol. 8:3104-3113(1988).

NCBI AND UNIPROT INFORMATION

NCBI GI #	86991432
NCBI GeneID	2736
NCBI Accession #	NP_005261.2
NCBI GenBank Nucleotide #	NM_005270.4
UniProt Accession #	P10070; O60252; O60253; O60254; O60255; Q15590; Q15591; Q4JHT4
Molecular Weight	167783
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	GLI2
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://stage.aaabiotech.com/polyclonal/gli2-antibody-immunofluorescence-flow-cytometry-western-blot-elisa/285931>