

Rabbit anti-Human Gli2 Polyclonal Antibody | anti-GLI2 antibody

Anti-Gli2 antibody

CATALOG # AAA45468	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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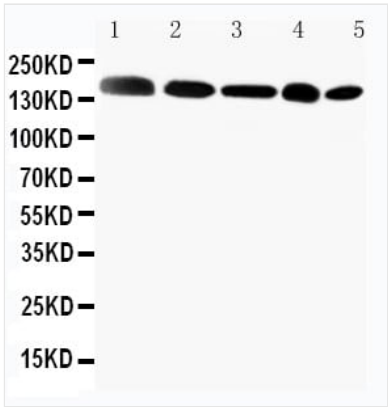
PRODUCT SYNONYMS

Gli2; Polyclonal Antibody; Anti-Gli2 antibody; Zinc finger protein GLI2; GLI family zinc finger 2; Gli 2 antibody; GLI family zinc finger 2 antibody; GLI kruppel family member 2 antibody; GLI Kruppel family member GLI2 antibody; GLI2 antibody; GLI2_HUMAN antibody; Oncogene GLI2 antibody; Tax helper protein antibody; Tax helper protein 2 antibody; Tax responsive element 2 holding protein antibody; Tax responsive element 25 bp sequence binding protein antibody; THP 2 antibody; THP antibody; THP2 antibody; Zinc finger protein GLI2 antibody; anti-GLI2 antibody

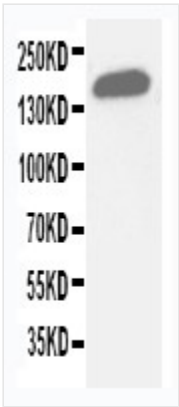
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	1586
Applicable Applications for anti-GLI2 antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Gli2 (1444-1463aa MLYYYGQIHMYEQDGGLENL).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti-Gli2 antibody, AAA45468, Western blottingLane 1: MCF-7 Cell LysateLane 2: HELA Cell LysateLane 3: SKOV Cell LysateLane 4: HT1080 Cell LysateLane 5: A549 Cell Lysate



WB (Western Blot)
Anti-Gli2 antibody, AAA45468, Western blottingWB: Human Placenta Tissue Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-GLI2 antibody	Description: Rabbit IgG polyclonal antibody for Zinc finger protein GLI2(GLI2) detection. Tested with WB in Human. Background: GLI2(Gli-Kruppel Family Member 2), also called ONCOGENE GLI2, is a protein that in humans is encoded by the GLI2 gene. Sequencing of GLI cDNA clones showed the presence of 5 tandem zinc fingers connected by histidine-cysteine links, which indicated that the gene belongs to the family of zinc finger genes related to Kruppel(Kr). The Drosophila gene Kr is a member of the gap class of segmentation genes; thoracic and anterior abdominal segments fail to form in Kr mutant embryos. By fluorescence in situ hybridization, Matsumoto et al.(1996) refined the assignment of the GLI2 gene to chromosome 2q14. Roessler et al.(2005) showed that GLI2-delta-N exhibited potent transcriptional activity in vivo: overexpression in mouse skin led to the formation of hedgehog-independent epithelial downgrowths resembling basal cell carcinomas, which in humans are associated with constitutive hedgehog signaling.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	215274258
NCBI GeneID	2736
UniProt Accession #	P10070; O60252; O60253; O60254; O60255; Q15590; Q15591; Q4JHT4
Molecular Weight	86,482 Da
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	HPE9; PHS2; THP1; THP2
NCBI Protein Information	zinc finger protein GLI2; oncogene GLI2; tax helper protein 1; tax helper protein 2; GLI-Kruppel family member GLI2; tax-responsive element-2 holding protein; glioma-associated oncogene family zinc finger 2; tax-responsive element-25-bp sequence binding protein
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.

