

Rabbit Gli3 Polyclonal Antibody | anti-GLI3 antibody

Anti-Gli3 antibody

CATALOG # AAA44993	HOST Rabbit	REACTIVITY Human, Rat Predicted to work with: Mouse	APPLICATIONS Western Blot
------------------------------	-----------------------	--	-------------------------------------

PRODUCT SYNONYMS

Gli3; Polyclonal Antibody; Anti-Gli3 antibody; Transcriptional activator GLI3; GLI family zinc finger 3; ACLS antibody; DNA binding protein antibody; GCPS antibody; Gli 3 antibody; GLI family zinc finger 3 antibody; GLI Kruppel family member GLI 3 antibody; GLI Kruppel family member GLI3(Greig cephalopolysyndactyly syndrome) antibody; GLI Kruppel family member GLI3 antibody; GLI3 antibody; GLI3 C-terminally truncated form antibody; GLI3 form of 190 kDa antibody; GLI3 form of 83 kDa antibody; GLI3 full length protein antibody; GLI3-190 antibody; GLI3-83 antibody; GLI3_HUMAN antibody; GLI3FL antibody; Glioma associated oncogene family zinc finger 3 antibody; Oncogene GLI3 antibody; PAPA antibody; PAPA 1 antibody; PAPA antibody; PAPA1 antibody; PAPB antibody; PHS antibody; PPD IV antibody; PPDIV antibody; Transcriptional activator GLI3 antibody; Transcriptional repressor GLI3R antibody; Zinc finger protein GLI 3 antibody; Zinc finger protein GLI3 antibody; anti-GLI3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat Predicted to work with: Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Sequence Length	1580
Applicable Applications for anti-GLI3 antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human GLI3 (40-57aa SNEDESPGQTYHRERRNA), different from the related rat sequence by two amino acids, and from the related mouse sequence by one amino acid.
Reconstitution	0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti-Gli3 antibody, AAA44993, Western blottingLane 1: Rat Testis Tissue LysateLane 2: A549 Cell LysateLane 3: SW620 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-GLI3 antibody	Description: Rabbit IgG polyclonal antibody for Transcriptional activator GLI3(GLI3) detection. Tested with WB in Human, Mouse, Rat. Background: GLI3(Gli-kruppel family member 3), also called ONCOGENE GLI3, encodes a member of the zinc finger gene family related to Kruppel, a gene that is known to regulate development in Drosophila. The GLI3 gene is expressed as an 8.5-kb mRNA in tissues such as testis, myometrium, placenta, and lung, and the protein product(relative molecular mass, 190,000) shows sequence-specific DNA binding. The GLI3 gene is mapped on 7p14.1. GLI3 is homologous to the Drosophila cubitus interruptus(ci) gene product(Ci), which regulates the Patched(pct), gooseberry(gsb), and decapentaplegic(dpp) genes. PKA-dependent processing of vertebrate GLI3 in developing limb generates a potent repressor in a manner antagonized by apparent long-range signaling from posteriorly localized Sonic hedgehog protein. The high relative abundance and potency of GLI3 repressor suggested specialization of GLI3 and its products for negative hedgehog pathway regulation.Coimmunoprecipitation and immunoblot studies showed that GLI3 protein is polyubiquitinated and that its processing depends on proteasome activity. The findings suggested that BTRC is required for GLI3 processing.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	269849770
NCBI GeneID	2737
UniProt Accession #	P10071; O75219; Q17RW4; Q75MT0; Q75MU9; Q9UDT5; Q9UJ39; A4D1W1
NCBI Official Full Name	Transcriptional activator GLI3
NCBI Official Synonym Full Names	GLI family zinc finger 3
NCBI Official Symbol	GLI3
NCBI Official Synonym Symbols	PHS; ACLS; GCPS; PAPA; PAPB; PAP-A; PAPA1; PPDIV; GLI3FL; GLI3-190
NCBI Protein Information	transcriptional activator GLI3; oncogene GLI3; zinc finger protein GLI3; GLI-Kruppel family member GLI3; glioma-associated oncogene family zinc finger 3
UniProt Protein Name	Transcriptional activator GLI3
UniProt Gene Name	GLI3
UniProt Synonym Gene Names	GLI3-190; GLI3FL; GLI3-83
UniProt Entry Name	GLI3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/gli3-antibody-western-blot-elisa/44993>