

## Datasheet: AHP1456

<b>Description:</b>	RABBIT ANTI GLI3
<b>Specificity:</b>	GLI3
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	50 µg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (1)	▪			1.25ug/ml
ELISA	▪			1/6000
Immunoprecipitation			▪	
Western Blotting	▪			1/500
Functional Assays			▪	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

**(1)This product requires antigen retrieval using heat treatment prior to staining of paraffin sections.Sodium citrate buffer pH 6.0 is recommended for this purpose.**

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	<p>Reacts with: Chicken, Rat, Dog, Monkey, Mouse, Chimpanzee, Quail</p> <p>Based on sequence similarity, is expected to react with:Amphibia</p> <p><b>N.B.</b> Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
<b>Product Form</b>	Purified IgG - liquid

**Antiserum Preparation** Antiserum to human GLI3 was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	<0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5mg/ml
<b>Immunogen</b>	Synthetic peptide corresponding to amino acid sequence 41-57 of human Gli3 protein.
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P10071</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b> <a href="#">2737</a> GLI3 <a href="#">Related reagents</a>
<b>RRID</b>	AB_2111920
<b>Specificity</b>	<p><b>Rabbit anti Human GLI3 antibody</b> recognizes the Human Zinc Finger protein 3 (GLI-3), also known as GLI-Kruppel family member 3, a 169.8 kDa protein belonging to the GLI C2H2-type zinc finger protein of transcription factors.</p> <p>GLI-3 and the related GLI-2 proteins are the primary transcription factors that mediate Sonic hedgehog (Shh) signals in the mouse, GLI-2 being primarily a transcriptional activator while GLI-3 is a transcriptional repressor. GLI-3 plays a role in the development of the limbs and brain. It is expressed in a wide range of adult tissues including the colon, lung, spleen, testis and placenta.</p> <p>Defects in GLI3 are causative of a range of disease states including Pallister-Hall syndrome, type IV preaxial polydactyly, acrocallosal syndrome (ACS) and Greig cephalo-poly-syndactyly syndrome. GLI proteins are also implicated as potent oncogenes in the embryonal carcinoma cell.</p>
<b>Histology Positive Control Tissue</b>	Human brain, glioblastoma
<b>Storage</b>	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
<b>Guarantee</b>	12 months from date of despatch

**Health And Safety  
Information**

Material Safety Datasheet documentation #10040 available at:  
<https://www.bio-rad-antibodies.com/SDS/AHP1456>  
10040

**Regulatory**

For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

### Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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