

Datasheet: VPA00196

**BATCH NUMBER 060815**

<b>Description:</b>	RABBIT ANTI GLI2
<b>Specificity:</b>	GLI2
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	100 µl

## 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
Western Blotting	▪			1/1000

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ) 1% Bovine Serum Albumin
<b>Immunogen</b>	Synthetic peptide corresponding to amino acids 46-60 of human GLI2 (isoform a)
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P10070</a> <a href="#">Related reagents</a>

**Entrez Gene:**

[2736](#) [GLI2](#) [Related reagents](#)

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**Synonyms**

THP

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**Specificity**

**Rabbit anti Human GLI2 antibody** recognizes GLI2, also known as GLI family zinc finger protein 2, GLI-Kruppel family member GLI2, glioma-associated oncogene family zinc finger 2, oncogene GLI2, tax helper protein 1, tax helper protein 2, tax-responsive element-2 holding protein, tax-responsive element-25-bp sequence binding protein and zinc finger protein GLI2.

The GLI2 gene encodes a protein which belongs to the C2H2-type zinc finger protein subclass of the Gli family. Members of this subclass are characterized as transcription factors which bind DNA through zinc finger motifs. These motifs contain conserved H-C links. Gli family zinc finger proteins are mediators of Sonic hedgehog (Shh) signaling and they are implicated as potent oncogenes in the embryonal carcinoma cell. The protein encoded by GLI2 localizes to the cytoplasm and activates patched Drosophila homolog (PTCH) gene expression. It is also thought to play a role during embryogenesis. The encoded protein is associated with several phenotypes- Greig cephalopolysyndactyly syndrome, Pallister-Hall syndrome, preaxial polydactyly type IV, postaxial polydactyly types A1 and B (provided by RefSeq, Jul 2008).

Rabbit anti Human GLI2 antibody detects a band of 191 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting**

Anti GLI2 detects a band of approximately 191 kDa in HeLa cell lysates.

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**Storage**

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

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**Guarantee**

12 months from date of despatch

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**Acknowledgements**

PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety Information**

Material Safety Datasheet documentation #10041 available at:  
<https://www.bio-rad-antibodies.com/SDS/VPA00196>  
Antibody (10041)

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)**North & South** Tel: +1 800 265 7376**America** Fax: +1 919 878 3751Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)**Worldwide**

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)  
'M370564:200529'

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