

**RABBIT ANTI-Gli1  
POLYCLONAL ANTIBODY**

<b>CATALOG NUMBER:</b>	AB3444
<b>LOT NUMBER:</b>	
<b>QUANTITY:</b>	100 µL
<b>SPECIFICITY:</b>	Recognizes Gli1. No cross reactivity to human or mouse Gli2 or Gli3.
<b>BACKGROUND:</b>	Gli was termed by Kinzler et al. (1987) as 'glioma-associated oncogene' amplified in malignant gliomas. Analysis of the cloned gene demonstrates that the gene contains 5 repeats of zinc-finger sequences, which places gli in the family of Kruppel (Kr) zinc finger proteins. In mice, 3 zinc finger transcription factors, Gli1, Gli2 and Gli3, have been implicated in the transduction of Sonic hedgehog (Shh) signal. In papillary epithelium, <i>shh</i> , <i>gli1</i> and <i>ptc</i> all follow similar expression patterns. Gli1 expression is central and probably sufficient for tumor development in humans.
<b>IMMUNOGEN:</b>	Highly purified peptide corresponding to residues 805-820 of mouse Gli1.
<b>APPLICATIONS:</b>	ELISA: 1:20,000-1:100,000 Western blotting: 1:2,000-1:10,000. Recognizes a band of ~120 kDa from mouse and human. Immunohistochemistry: 1:500-1:2,000. It is recommended that you perform heat mediated antigen retrieval using the microwave method. Optimal working dilutions must be determined by the end user.
<b>SPECIES REACTIVITIES:</b>	Mouse and human. Reactivity with other species has not yet been tested.
<b>FORMAT:</b>	Serum, delipidated and defibrinated.
<b>PRESENTATION:</b>	Liquid in 0.02M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with 0.01% sodium azide.
<b>STORAGE/HANDLING:</b>	Maintain at -20°C in undiluted aliquots for up to 6 months after date of receipt. Avoid repeated freeze/thaw cycles.
<b>RELATED REFERENCES:</b>	Wetmore, C. et al., (2000) <i>Cancer Res.</i> <b>60</b> (8): 2239-2246. Hall, J.M., et al., (1999) <i>J. Comp. Neurol.</i> <b>406</b> (2):143-155. Park, H. L. et. al., (2000) <i>Development</i> <b>127</b> (8): 1593-1605. Kinzler, K.W. et. al., (1987) <i>Science</i> <b>236</b> :70-73. Kinzler, K.W. et. al., (1988) <i>Nature</i> <b>332</b> :371-4. Ghali, L. et. al., (1999) <i>J. Invest. Dermatol.</i> <b>113</b> :4, 595-9. Dahmane, N. et. al., (2000) <i>Nature</i> <b>389</b> :6653, 876-881.

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