

Product Datasheet

Anti-GLI2 Rabbit pAb



WL03996

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-GLI2 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:100-1:400
Cellular localization	Nucleus, Cell projection, Cilium, Cytoplasm.	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background
Zinc finger protein GLI2 also known as GLI family zinc finger 2 is a protein that in humans is encoded by the GLI2 gene. The protein encoded by this gene is a transcription factor. It is also thought to play a role during embryogenesis. There are four isoforms: Gli2 alpha, beta, gamma and delta. Gli2 is expressed in the interfollicular epidermis and the outer root sheath of hair follicles in normal human skin. This is significant as Shh regulates hair follicle growth and morphogenesis. When inappropriately activated causes hair follicle derived tumors, the most clinically significant being the BCC.

Immunogen
Polyclonal antibody is produced by immunizing animals with a synthetic peptide of GLI2.

Purification
Polyclonal antibody was purified by Protein A affinity chromatography.

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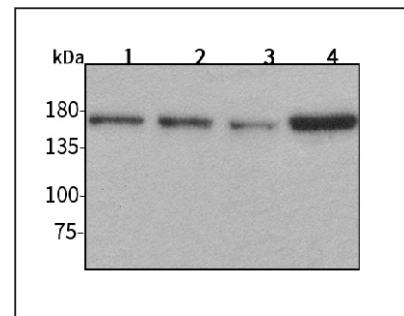
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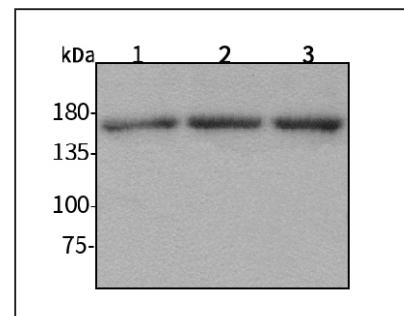
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Product Images



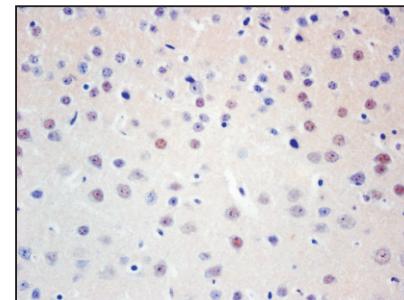
Western blot-Anti-GLI2 pAb

Lane 1: Human HeLa cell lysate
Lane 2: Human MCF-7 cell lysate
Lane 3: Human HEK-293 cell lysate
Lane 4: Human SW480 cell lysate
All lanes: Anti-GLI2 at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 168 kDa
Observed band size: 167 kDa



Western blot-Anti-GLI2 pAb

Lane 1: Mouse heart tissue lysate
Lane 2: Rat lung tissue lysate
Lane 3: Rat stomach tissue lysate
All lanes: Anti-GLI2 at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 168 kDa
Observed band size: 167 kDa



Immunohistochemistry-Anti-GLI2 pAb

Immunohistochemical analysis of paraffin-embedded mouse brain using anti-GLI2-β Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

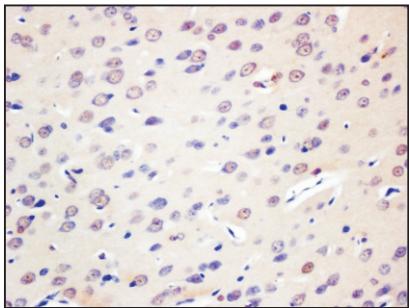
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Immunohistochemistry-Anti-GLI2 pAb

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