

## GLI1 Polyclonal Antibody

<b>Catalog No.</b>	A8387	<b>Category</b>	Polyclonal Antibodies
<b>Applications</b>	WB	<b>Observed MW</b>	130kDa, 160kDa
<b>Cross-reactivity</b>	Human, Mouse, Rat	<b>Calculated MW</b>	104kDa/113kDa/117kDa

### Immunogen Information

<b>Immunogen</b>	Recombinant protein of human GLI1
<b>Gene ID</b>	2735
<b>Swiss prot</b>	P08151
<b>Synonyms</b>	GLI1; GLI; zinc finger protein GLI1

### Product information

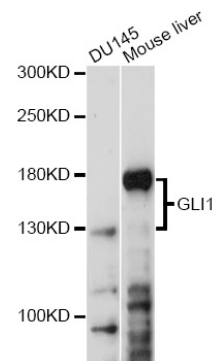
<b>Source</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification method</b>	Affinity purification
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

### Background

This gene encodes a member of the Kruppel family of zinc finger proteins. The encoded transcription factor is activated by the sonic hedgehog signal transduction cascade and regulates stem cell proliferation. The activity and nuclear localization of this protein is negatively regulated by p53 in an inhibitory loop. Multiple transcript variants encoding different isoforms have been found for this gene.

### Recommended Dilutions

WB 1:500 - 1:2000



Western blot analysis of extracts of various cell lines, using GLI1 antibody (A8387) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 90s.