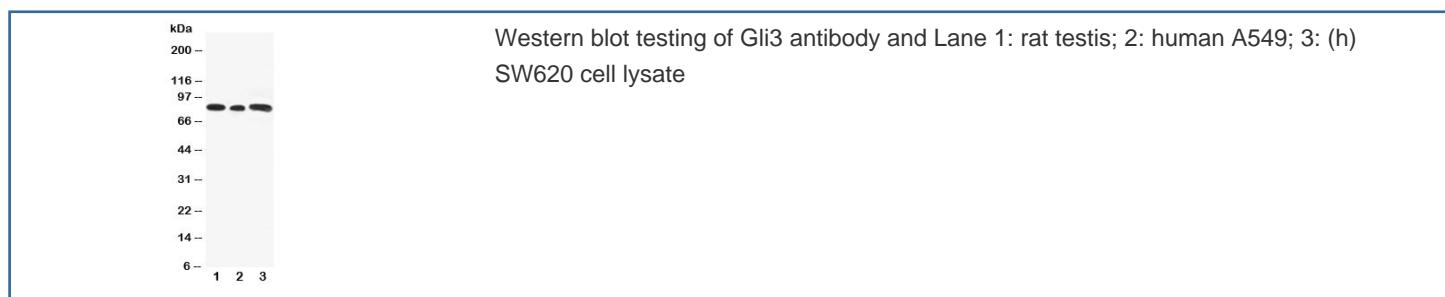


## Gli3 Antibody (R30859)

Catalog No.	Formulation	Size
R30859	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P10071
Applications	Western Blot : 0.5-1ug/ml (1)
Limitations	This Gli3 antibody is available for research use only.



## Description

Gli-kruppel family member 3 is a member of the zinc finger family related to Kruppel, a protein family that is known to regulate development in *Drosophila*. The gene is expressed as an 8.5-kb mRNA in tissues such as testis, myometrium, placenta, and lung, and the protein product (relative molecular mass, 190,000D) shows sequence-specific DNA binding. Gli3 is homologous to the *Drosophila* *cubitus interruptus* (*ci*) gene product(*Ci*), which regulates the *Patched* (*pct*), *Gooseberry* (*gsb*), and *Decapentaplegic* (*dpp*) genes. PKA-dependent processing of vertebrate Gli3 in developing limb generates a potent repressor in a manner antagonized by apparent long-range signaling from posteriorly localized Sonic hedgehog protein. The high relative abundance and potency of Gli3 repressor suggested specialization of the protein and

its products for negative hedgehog pathway regulation.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Gli3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

1. There are two isoforms of Gli-kruppel family member 3: the 170-190KD full length form and a truncated ~80KD form. This antibody will detect both, depending on the testing material.

## Immunogen

An amino acid sequence from the N-terminus of human Gli-kruppel family member 3 (SNEDESPGQTYHRERRNA) was used as the immunogen for this Gli3 antibody.

## Storage

After reconstitution, the Gli3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.