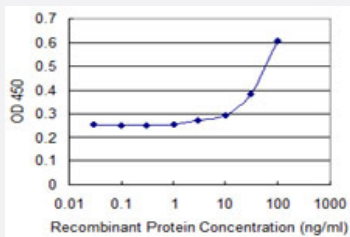


GLI3 monoclonal antibody (M04), clone 1H7

Catalog # H00002737-M04

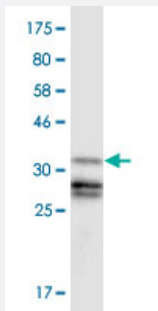
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GLI3 is 3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant GLI3.
Immunogen	GLI3 (NP_000159, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEAQSHSSTTTEKKKVENSIKVCSTRTDVSEKAVASSTTSNEDESPGQTYHRERRNAITMQPQNV QGLSKVSEEPSTSSDERASLIKKEIHGSLPHVAEPSVPYRGTVFA
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (89)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GLI3 is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — GLI3

Entrez GeneID	2737
GeneBank Accession#	NM_000168
Protein Accession#	NP_000159
Gene Name	GLI3
Gene Alias	ACLS, GCPS, PAP-A, PAPA, PAPA1, PAPB, PHS, PPDV
Gene Description	GLI-Kruppel family member GLI3
Omim ID	146510 165240 174200 174700 175700 200990
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a protein which belongs to the C2H2-type zinc finger proteins subclass of the Gli family. They are characterized as DNA-binding transcription factors and are mediators of Sonic hedgehog (Shh) signaling. The protein encoded by this gene localizes in the cytoplasm and activates patched Drosophila homolog (PTCH) gene expression. It is also thought to play a role during embryogenesis. Mutations in this gene have been associated with several diseases, including Greig cephalopolysyndactyly syndrome, Pallister-Hall syndrome, preaxial polydactyly type IV, and postaxial polydactyly types A1 and B. [provided by RefSeq]

Other Designations

DNA-binding protein|OTTHUMP00000025248|OTTHUMP00000159085|oncogene GLI3|zinc finger protein GLI3

Pathway

- [Basal cell carcinoma](#)
- [Hedgehog signaling pathway](#)
- [Pathways in cancer](#)

Disease

- [Abnormalities](#)
- [Chromosome Aberrations](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Clubfoot](#)
- [Colorectal Neoplasms](#)
- [Craniofacial Abnormalities](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Hamartoma](#)
- [Mouth Abnormalities](#)
- [Pallister-Hall Syndrome](#)
- [Syndactyly](#)

- [Syndrome](#)