

Anti-FGFR3 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Chicken,Dog,Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 86 kDa. Actual: 100115 kDa.
Purification:	Protein A purified

Applications

Sample:	Lane 1: Human MCF-7 cell lysates Lane 2: Human HeLa cell lysates
Verified Activity:	Primary: Anti-FGFR3 (TMAB-06001) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 86 kDa Observed band size: 100, 115 kDa
Application:	WB
Recommended	WB: 1:1000-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human FGFR3
Antigen Species:	Human
Gene ID:	2261
Uniprot ID:	P22607

Research Background

The encoded protein is synthesized mainly in corticotroph cells of the anterior pituitary where four cleavage sites are used; adrenocorticotrophin, essential for normal steroidogenesis and the maintenance of normal adrenal weight, and lipotropin beta are the major end products. In other tissues, including the hypothalamus, placenta, and epithelium, all cleavage sites may be used, giving rise to peptides with roles in pain and energy homeostasis, melanocyte stimulation, and immune modulation. These include several distinct melanotropins, lipotropins, and endorphins that are contained within the adrenocorticotrophin and beta-lipotropin peptides. Mutations in this gene have been associated with early onset obesity, adrenal insufficiency, and red hair pigmentation. Alternatively spliced transcript variants encoding the same protein have been described.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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