

Datasheet for ABIN1714583
anti-FGFR3 antibody (pTyr724)



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Overview

Quantity:	100 µL
Target:	FGFR3
Binding Specificity:	pTyr724
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGFR3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human FGFR3 around the phosphorylation site of Tyr724
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Sheep,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	FGFR3
Alternative Name:	FGFR3 (FGFR3 Products)

Target Details

Background:	<p>Synonyms: FGFR3 phospho Y724, FGFR3 phospho Tyr724, p-FGFR3 phospho Y724, ACH, CD 333, CD333, CD333 antigen, CEK 2, CEK2, FGFR 3, Fibroblast growth factor receptor 3 achondroplasia thanatophoric dwarfism, Fibroblast growth factor receptor 3, Heparin binding growth factor receptor, HSFGFR3EX, Hydroxyaryl protein kinase, JTK 4, JTK4, MFR 3, SAM 3, Tyrosine kinase JTK 4, Tyrosine kinase JTK4, Z FGFR 3.</p> <p>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.</p>
Gene ID:	2261
UniProt:	P22607
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Stem Cell Maintenance , Growth Factor Binding

Application Details

Application Notes:	ELISA 1:500-1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C

Handling

Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months