ARG66103
anti-GDF3 antibody (Biotin)

Package: 50 µg
Store at: 4°C

Summary

Product Description	Biotin-conjugated Rabbit Polyclonal antibody recognizes GDF3
Tested Reactivity	Hu
Tested Application	ELISA
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GDF3
Species	Human
Immunogen	E. coli derived recombinant Human GDF3. (AAIPVPKLSC KNLCHRHQLF INFRDLGWHK WIIAPKGFMA NYCHGECPFS LTISLNSSNY AFMQALMHAV DPEIPQAVCI PTKLSPISML YQDNNDNVIL RHYEDMVVDE CGCG)
Conjugation	Biotin
Alternate Names	GDF-3; MCOP7; Growth/differentiation factor 3; KFS3; MCOPCB6

Application Instructions

Application table

Application	Dilution
ELISA	Direct: 0.25 - 1.0 µg/ml Sandwich: 0.25 - 1.0 µg/ml with ARG66102 as a capture antibody

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

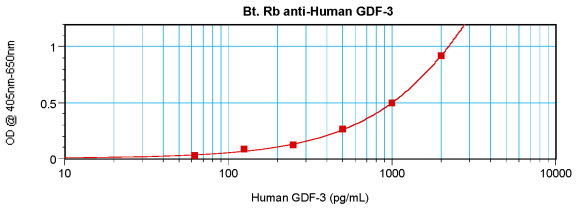
Properties

Form	Liquid
Purification	Purified by affinity chromatography.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

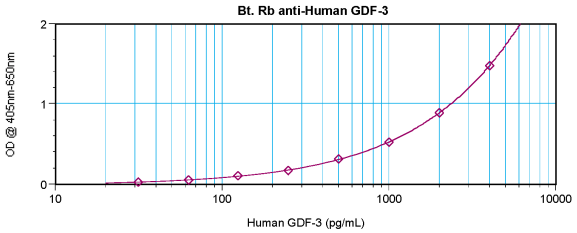
Database links	GeneID: 9573 Human
	Swiss-port # Q9NR23 Human
Gene Symbol	GDF3
Gene Full Name	growth differentiation factor 3
Background	The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. [provided by RefSeq, Jul 2008]
Calculated Mw	41 kDa
PTM	Synthesized as large precursor molecule that undergo proteolytic cleavage, releasing the pro-domain from the active, receptor binding, C-terminal region of the molecule.

Images



ARG66103 anti-GDF3 antibody (Biotin) standard curve image

Direct ELISA: ARG66103 anti-GDF3 antibody (Biotin) at 0.25 - 1.0 µg/ml results of a typical standard run with optical density reading at 405 - 650 nm.



ARG66103 anti-GDF3 antibody (Biotin) standard curve image

Sandwich ELISA: ARG66103 anti-GDF3 antibody (Biotin) as a detection antibody at 0.25 - 1.0 µg/ml combined with ARG66102 anti-GDF3 antibody as a capture antibody. Results of a typical standard run with optical density reading at 405 - 650 nm.