

Rabbit anti-Human GDF7 Polyclonal Antibody | anti-GDF7 antibody

GDF7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324763	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

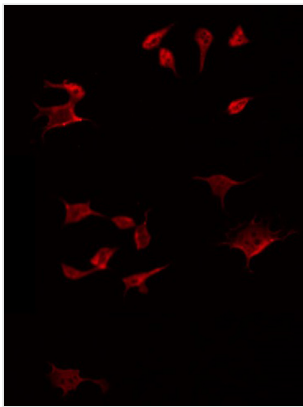
PRODUCT SYNONYMS

GDF7; Polyclonal Antibody; GDF7 Antibody; bmp12; bone morphogenetic protein 12; GDF-7; Gdf7; GDF7_HUMAN; growth differentiation factor 7; Growth/differentiation factor 7; anti-GDF7 antibody

PRODUCT SPECIFICATIONS

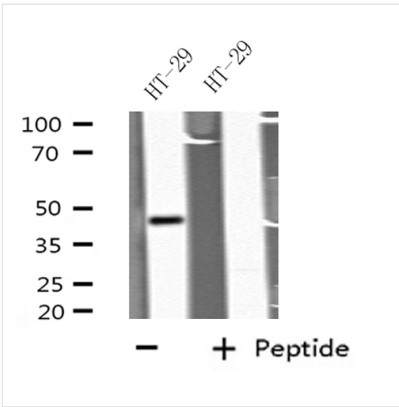
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	GDF7 antibody detects endogenous levels of total GDF7
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	450
Applicable Applications for anti-GDF7 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Secreted.
Predicted Cross Reactivity	Pig, Bovine, Rabbit
Similarity	Pig (82%), Bovine (91%), Rabbit (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324763 staining HT29 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HT-29 cells, using GDF7 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GDF7 antibody	Function: May play an active role in the motor area of the primate neocortex. Subunit Structure: Homodimer; disulfide-linked. Similarity: Belongs to the TGF-beta family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	61835232
NCBI GeneID	151449
NCBI Accession #	NP_878248.2
NCBI GenBank Nucleotide #	NM_182828.3
UniProt Accession #	Q7Z4P5
Molecular Weight	Observed: 47 kD Predicted: 47 kDa
NCBI Official Full Name	growth/differentiation factor 7 preproprotein
NCBI Official Synonym Full Names	growth differentiation factor 7
NCBI Official Symbol	GDF7
NCBI Official Synonym Symbols	BMP12
NCBI Protein Information	growth/differentiation factor 7
UniProt Protein Name	Growth/differentiation factor 7
UniProt Gene Name	GDF7
UniProt Synonym Gene Names	GDF-7

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.