

Rabbit anti-Mouse Growth Differentiation Factor 7 Polyclonal Antibody | anti-GDF7 antibody

Polyclonal Antibody to Growth Differentiation Factor 7 (GDF7)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA141970	Rabbit	Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Growth Differentiation Factor 7; Polyclonal Antibody; Polyclonal Antibody to Growth Differentiation Factor 7 (GDF7); anti-GDF7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against GDF7. It has been selected for its ability to recognize GDF7 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-SRKANLGG RRRRTALAG TRGAQSGGGG GGGGGGGGG GGGGGGGAGR GHRRGRSRC SRKSLHVDFK ELGWDDWIIA PLDYEAHYHCE GVCDFPLRSH LEPTNHAIQ TLLNSMAPDA APASCCVP
Sequence Length	453
Applicable Applications for anti-GDF7 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	GDF7 (Ser295~Val447)
Organism Species	Mus musculus (Mouse)
Cross Reactivity	Mouse
Conjugate	No Conjugate
Immunogen	Recombinant GDF7 (Ser295~Val447) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemisry)
DAB staining on fromalin fixed paraffin-embedded Liver tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Mouse Heart lysate; Primary Ab: 2ug/mL Rabbit Anti-Mouse GDF7
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	919184464
NCBI GeneID	238057
NCBI Accession #	NP_001299805.1
NCBI GenBank Nucleotide #	NM_001312876.1
UniProt Accession #	P43029; Q7TNX4; Q99MY1
Molecular Weight	47,106 Da
NCBI Official Full Name	growth/differentiation factor 7 isoform 1 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; 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/growth-differentiation-factor-7-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/141970>