



GDF-7 Polyclonal Antibody

Catalog No	YP-Ab-16067
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	GDF7
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human GDF7. AA range:321-370
Specificity	GDF-7 Polyclonal Antibody detects endogenous levels of GDF-7 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	bmp12;bone morphogenetic protein 12;GDF-7;Gdf7;GDF7_HUMAN;growth differentiation factor 7;Growth/differentiation factor 7
Observed Band	47kD
Calculated Molecular Weight	47kD
Cell Pathway	Secreted .
Tissue Specificity	Testis,
Function	function:May play an active role in the motor area of the primate neocortex., similarity:Belongs to the TGF-beta family.,subunit:Homodimer; disulfide-linked.,
Background	This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This protein may play a role in the differentiation of tendon cells and spinal cord interneurons. A mutation in this gene may be associated with increased risk for Barrett's esophagus and esophageal adenocarcinoma.



[provided by RefSeq, Sep 2016],

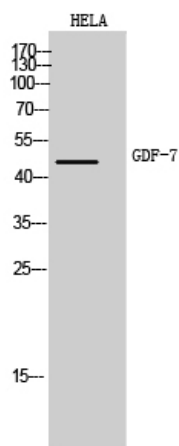
matters needing attention

Avoid repeated freezing and thawing!

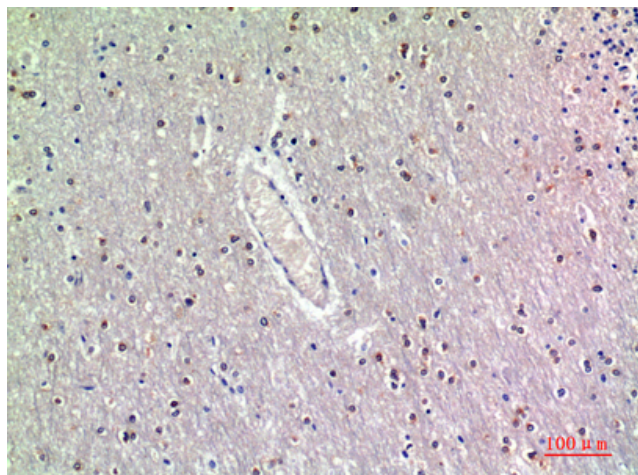
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of Hela cells using GDF-7 Polyclonal Antibody. Antibody was diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200