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## Summary

<b>Production Name</b>	GDF-7 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ELISA
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	GDF7
<b>Alternative Names</b>	GDF7; Growth/differentiation factor 7; GDF-7
<b>Gene ID</b>	151449.0
<b>SwissProt ID</b>	Q7Z4P5.The antiserum was produced against synthesized peptide derived from the Internal region of human GDF7. AA range:321-370

## Application

<b>Dilution Ratio</b>	WB 1:500 - 1:2000. IHC-p: 1:100-1:300. ELISA: 1:10000..
<b>Molecular Weight</b>	47kD

## Background

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**Product Name: GDF-7 Rabbit Polyclonal Antibody**  
**Catalog #: APRab11387**

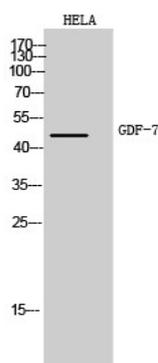


This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is 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],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.,

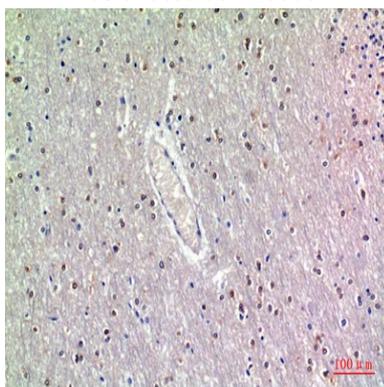
## Research Area

TGF-beta;

## Image Data



Western Blot analysis of HeLa cells using GDF-7 Polyclonal Antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000



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

## Note

For research use only.