



Anti-GDF7 (aa 361-450) polyclonal antibody (DPAB-DC671)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the bone morphogenetic protein (BMP) family. BMPs belong to the transforming growth factor-beta superfamily of secreted signalling molecules that regulate diverse processes in growth, repair and embryonic development. In mouse, this gene functions as an inductive signal from the roof plate required for the specification of neuronal identity in the dorsal spinal cord.
Immunogen	GDF7 (NP_878248, 361 a.a. ~ 450 a.a) partial recombinant protein with GST tag. The sequence is LGWDDWIIAPLDYEAYHCEGLCDFPLRSHLEPTNHAIIQTLNSMAPDAAPASCCVPARL SPISILYIDAANNVYKQYEDMVVEACGCR
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Tissue lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	GDF7 growth differentiation factor 7 [Homo sapiens (human)]
Official Symbol	GDF7
Synonyms	GDF7; growth differentiation factor 7; BMP12; growth/differentiation factor 7; GDF-7;
Entrez Gene ID	151449
Protein Refseq	NP_878248
UniProt ID	Q75RY1
Chromosome Location	2p24.1
Pathway	Hippo signaling pathway; TGF-beta signaling pathway.
Function	cytokine activity; growth factor activity; protein binding; protein homodimerization activity