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anti-GDF6 antibody (C-Term)





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Quantity:	400 μL
Target:	GDF6
Binding Specificity:	AA 326-353, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GDF6 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This GDF6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 326-353 amino acids from the C-terminal region of human GDF6.
Clone:	RB15615
Isotype:	lg Fraction
Predicted Reactivity:	B, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Target Details	
Target:	GDF6

Target Details

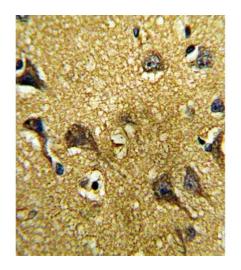
Alternative Name:	GDF6 (GDF6 Products)
Background:	GDF6 is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily of secreted signaling molecules. This protein is required for normal formation of some bones and joints in the limbs, skull, and axial skeleton. Mutations in this protein result in colobomata, which are congenital abnormalities in ocular development, and in Klippel-Feil syndrome (KFS), which is a congenital disorder of spinal segmentation.
Molecular Weight:	50662
Gene ID:	392255
NCBI Accession:	NP_001001557
UniProt:	Q6KF10

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

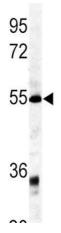
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



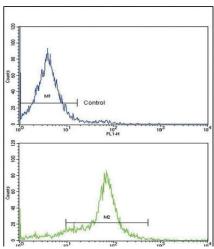
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human brain tissue reacted with GDF6 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of GDF6 antibody (C-term) (ABIN391699 and ABIN2841599) in mouse kidney tissue lysates (35 μ g/lane). GDF6 (arrow) was detected using the purified Pab.



Flow Cytometry

Image 3. Flow cytometric analysis of 293 cells using GDF6 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goatanti-rabbit secondary antibodies were used for the analysis.