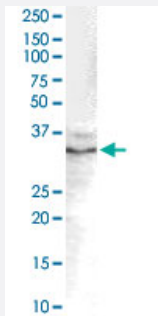


GDF15 polyclonal antibody

Catalog # PAB6858

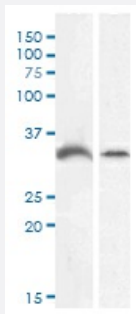
Size 100 ug

Applications



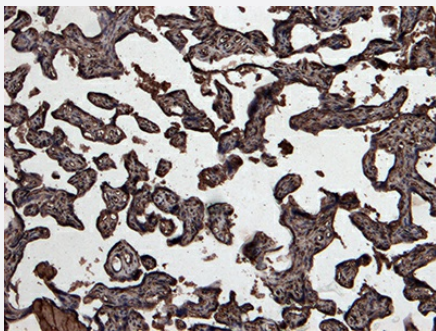
Western Blot (Tissue lysate)

GDF15 polyclonal antibody (Cat # PAB6858) (0.1 ug/mL) staining of human prostate lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



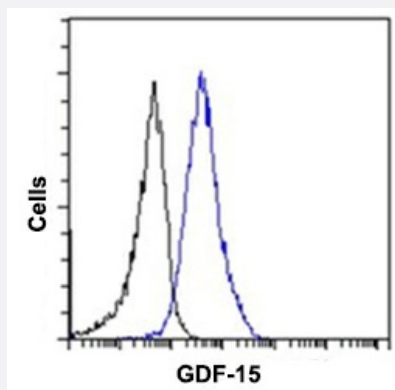
Western Blot (Cell lysate)

GDF15 polyclonal antibody (Cat # PAB6858) (0.1g/ml) staining of LNCaP (A) and (0.3 ug/mL) K562 (B) cell lysate (35 ug protein in RIPA buffer).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

GDF15 polyclonal antibody (Cat # PAB6858) (7 ug/mL) staining of paraffin embedded Human Placenta. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



Flow Cytometry

GDF15 polyclonal antibody (Cat # PAB6858) Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), (0.5% Triton). Primary incubation 1 hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of GDF15.
Immunogen	A synthetic peptide corresponding to human GDF15.
Sequence	C-QKTD TGVSLQTYDD
Host	Goat
Theoretical MW (kDa)	34.1
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:128000) Flow Cytometry (10 ug/mL) Immunohistochemistry (7 ug/mL) Western Blot (0.1-0.3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

GDF15 polyclonal antibody (Cat # PAB6858) (0.1 ug/mL) staining of human prostate lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Western Blot (Cell lysate)

GDF15 polyclonal antibody (Cat # PAB6858) (0.1g/ml) staining of LNCaP (A) and (0.3 ug/mL) K562 (B) cell lysate (35 ug protein in RIPA buffer).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

GDF15 polyclonal antibody (Cat # PAB6858) (7 ug/mL) staining of paraffin embedded Human Placenta. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

GDF15 polyclonal antibody (Cat # PAB6858) Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), (0.5% Triton). Primary incubation 1 hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

Gene Info — GDF15

Entrez GeneID [9518](#)

Protein Accession# [NP_004855.1](#)

Gene Name GDF15

Gene Alias GDF-15, MIC-1, MIC1, NAG-1, PDF, PLAB, PTGFB

Gene Description growth differentiation factor 15

Omim ID [605312](#)

Gene Ontology [Hyperlink](#)

Gene Summary Bone morphogenetic proteins (e.g., BMP5; MIM 112265) are members of the transforming growth factor-beta (see TGFB1; MIM 190180) superfamily and regulate tissue differentiation and maintenance. They are synthesized as precursor molecules that are processed at a dibasic cleavage site to release C-terminal domains containing a characteristic motif of 7 conserved cysteines in the mature protein.[supplied by OMIM]

Other Designations

NSAID (nonsteroidal anti-inflammatory drug)-activated protein 1|PTGF-beta|prostate differentiation factor

Publication Reference

- [The macrophage inhibitory cytokine integrates AKT/PKB and MAP kinase signaling pathways in breast cancer cells.](#)

Wollmann W, Goodman ML, Bhat-Nakshatri P, Kishimoto H, Goulet RJ Jr, Mehrotra S, Morimiya A, Badve S, Nakshatri H. Carcinogenesis 2005 May; 26(5):900.

Disease

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