

Rabbit anti-Human GDF15 Polyclonal Antibody | anti-GDF15 antibody

GDF15 Antibody

CATALOG # AAA307730	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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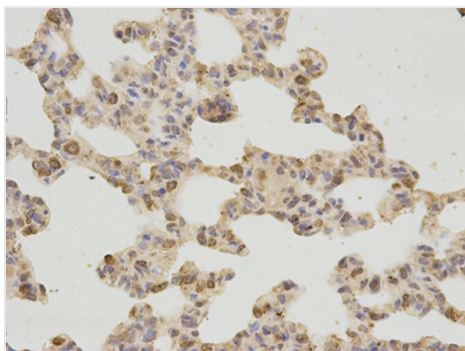
PRODUCT SYNONYMS

GDF15; Polyclonal Antibody; GDF15 Antibody; GDF-15; MIC-1; MIC1; NAG-1; anti-GDF15 antibody

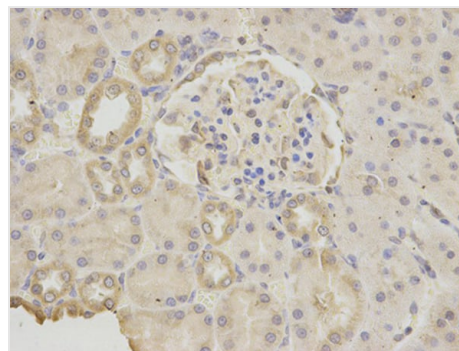
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total GDF15 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	308
Applicable Applications for anti-GDF15 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human GDF15.
Target Name	GDF15
Preparation and Storage	Store at -20 degree C

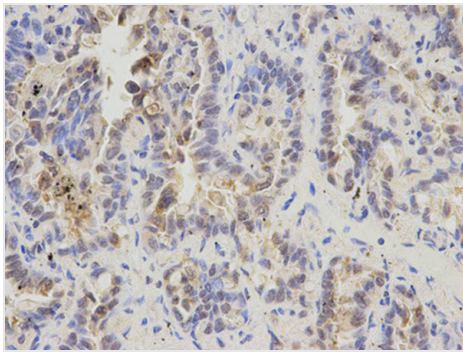
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat lung using GDF15 antibody at dilution of 1:200 (400x lens).

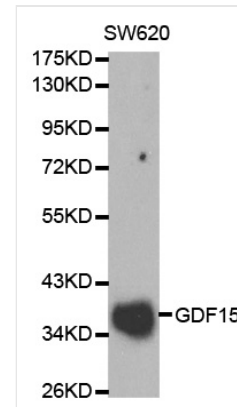

IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat kidney using GDF15 antibody at dilution of 1:200 (400x lens).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung cancer using GDF15 antibody at dilution of 1:200 (400x lens).



WB (Western Blot)

Western blot analysis of SW620 cell lysate using GDF15 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GDF15 antibody

Macrophage inhibitory cytokine-1 (Mic-1), also termed GDF15 (1), PTGF-b (2), PLAB (3), PDF (4), and NAG-1 (5), is a divergent member of the transforming growth factor-b (TGF-b) superfamily (6). Like other family members, Mic-1 is synthesized as an inactive precursor that undergoes proteolytic processing involving removal of an N-terminal hydrophobic signal sequence followed by cleavage at a conserved RXXR site generating an active C-terminal domain that is secreted as a dimeric protein. Mic-1 is highly expressed in the placenta and is also dramatically increased by cellular stress, acute injury, inflammation, and cancer. In the brain, Mic-1 is found in the choroid plexus and is secreted into the cerebrospinal fluid (7). It is also a transcriptional target of the p53 tumor suppressor protein and may serve as a biomarker for p53 activity (8,9). During tumor progression, Mic-1 has various effects on apoptosis, differentiation, angiogenesis, and metastasis, and may also contribute to weight loss during cancer (10,11).

Product Categories/Family for anti-GDF15 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	153792495
NCBI GeneID	9518
NCBI Accession #	NP_004855.2
NCBI GenBank Nucleotide #	NM_004864.2
UniProt Accession #	Q99988; O14629; P78360; Q9BWA0; Q9NRT0
Molecular Weight	34,140 Da
NCBI Official Full Name	growth/differentiation factor 15 preproprotein
NCBI Official Synonym Full Names	growth differentiation factor 15
NCBI Official Symbol	GDF15
NCBI Official Synonym Symbols	PDF; MIC1; PLAB; MIC-1; NAG-1; PTGFB; GDF-15
NCBI Protein Information	growth/differentiation factor 15
UniProt Protein Name	Growth/differentiation factor 15
UniProt Gene Name	GDF15
UniProt Synonym Gene Names	MIC1; PDF; PLAB; PTGFB; GDF-15; MIC-1; NAG-1; NRG-1
UniProt Entry Name	GDF15_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/gdf15-antibody-immunohistochemistry-western-blot-elisa/307730>