

For Research Use Only

NRG4 Polyclonal antibody

Catalog Number: 27292-1-AP



Basic Information

Catalog Number: 27292-1-AP	GenBank Accession Number: BC017568	Purification Method: Antigen affinity purification
Size: 400 µg/ml	GeneID (NCBI): 145957	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8WWG1	
Isotype: IgG	Full Name: neuregulin 4	
Immunogen Catalog Number: AG26044	Calculated MW: 13 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human prostate cancer tissue, human breast cancer tissue
Species Specificity: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Neuregulin 4 (Nrg4), a member of the epidermal growth factor (EGF) family of extracellular ligands, is expressed in multiple organs with the highest expression levels in brown adipose tissue. Neuregulin 4 is a secreted adipokine recently identified as playing an important role in modulating systemic energy metabolism and in the development of metabolic disorders in rodent and human obesity, including type 2 diabetes and non-alcoholic fatty liver disease (NAFLD). Nrg4 attenuates hepatic lipogenic signaling and preserves glucose and lipid homeostasis in obesity.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

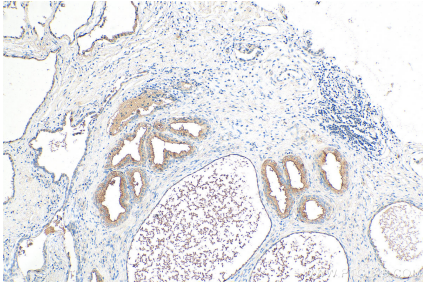
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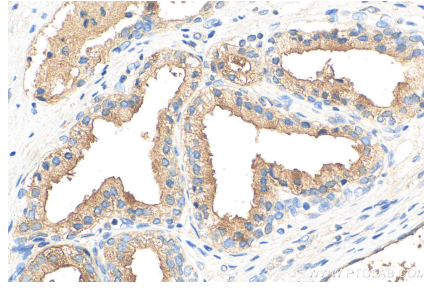
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 27292-1-AP (NRG4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 27292-1-AP (NRG4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).