

For Research Use Only

NRG4 Polyclonal antibody

Catalog Number: 11206-1-AP



Basic Information

Catalog Number: 11206-1-AP	GenBank Accession Number: BC017568	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 453 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 145957	Recommended Dilutions: IHC 1:20-1:200
Source: Rabbit	Full Name: neuregulin 4	
Isotype: IgG	Calculated MW: 13 kDa	
Immunogen Catalog Number: AG1697		

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human breast cancer tissue, human ovary tumor tissue, human prostate cancer tissue

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

*** 20ul sizes contain 0.1% BSA

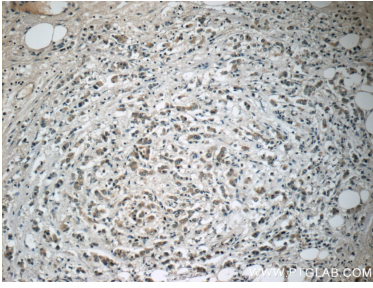
For technical support and original validation data for this product please contact:

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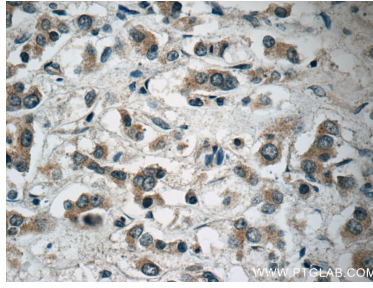
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11206-1-AP (NRG4 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11206-1-AP (NRG4 Antibody) at dilution of 1:50 (under 40x lens).