

For Research Use Only

EGR3 Polyclonal antibody

Catalog Number: 26495-1-AP



Basic Information

Catalog Number:

26495-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24152

GenBank Accession Number:

BC104765

GeneID (NCBI):

1960

UNIPROT ID:

Q06889

Full Name:

early growth response 3

Calculated MW:

387 aa, 43 kDa

Observed MW:

43 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : L02 cells, PC-3 cells

Background Information

The early growth response (Egr) family of zinc finger transcription factors regulates critical genetic programs in cellular growth, differentiation, and function. EGR3 (Early Growth Response 3; also known as PILOT) is a member of the early growth response (Egr) gene family of transcription factors. EGR3 regulates the expression of genes involved in inflammation, including genes encoding various secreted cytokines and protease inhibitors. EGR3 functions as a master regulator of genes differentially expressed in the brains of patients with neuropsychiatric illnesses ranging from schizophrenia and bipolar disorder to Alzheimer's disease.

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

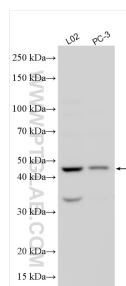
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26495-1-AP (EGR3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.