

For Research Use Only

PIRT Polyclonal antibody

Catalog Number: 20990-1-AP

2 Publications



Basic Information

Catalog Number:

20990-1-AP

Size:

150ul, Concentration: 450 µg/ml by Nanodrop and 447 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001101387

GeneID (NCBI):

644139

Full Name:

phosphoinositide-interacting regulator of transient receptor potential channels

Calculated MW:

15 kDa

Observed MW:

25 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

IF, IHC

Species Specificity:

human

Cited Species:

mouse

Positive Controls:

WB : SH-SY5Y cells,

Background Information

PIRT is a key component of the TRPV1 complex that positively regulates TRPV1 activity. It binds various phosphoinositide, including phosphatidylinositol 4,5-bisphosphate (PIP2), but not phosphatidylinositol (PI). PIRT is a membrane protein with MW 15-25 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Xing-Qi Bao	31467580	Evid Based Complement Alternat Med	IF
Huijing Xie	37721527	EMBO Rep	IHC

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

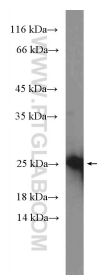
For technical support and original validation data for this product please contact:

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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



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 20990-1-AP (PIRT Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.