

For Research Use Only

NCOA7 Polyclonal antibody

Catalog Number: 23092-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

23092-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19315

GenBank Accession Number:

BC137094

GeneID (NCBI):

135112

UNIPROT ID:

Q8NI08

Full Name:

nuclear receptor coactivator 7

Calculated MW:

972 aa, 106 kDa

Observed MW:

120-130 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:5000-1:50000

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB, IHC, IF, CoIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB: HEK-293 cells, MCF-7 cells, MDA-MB-453 cells, mouse brain tissue, rat brain tissue

IP: HEK-293 cells,

Background Information

Nuclear receptors for steroids, thyroid hormones and retinoic acids are ligand-dependent transcription factors that activate transcription through specific DNA binding sites in their target genes. NCoA-7 (nuclear receptor coactivator 7), also known as ESNA1 or ERAP140, is a 942 amino acid nuclear protein that enhances nuclear receptor transcriptional activities and coactivates several nuclear receptors including PPARG, ESR1, THRB and RARA. Highly expressed in brain and weakly expressed in pancreas, bladder, ovary, spinal cord, prostate, mammary gland, ovary, uterus and stomach, NCoA-7 is a member of the OXR1 family and contains one LysM repeat and a TLD domain. This antibody is a rabbit polyclonal antibody raised against the N-terminal of human NCOA7 protein.

Notable Publications

Author	Pubmed ID	Journal	Application
Maria Merkulova	29384414	Am J Physiol Renal Physiol	
Enrico Castroflorio	33340069	Cell Mol Life Sci	WB, CoIP
Marianne E Yaple-Maresh	39763927	bioRxiv	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

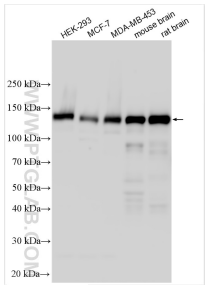
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

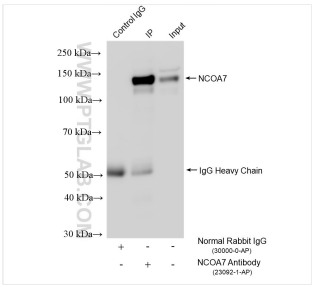
E: proteintech@ptglab.com
W: ptglab.com

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 23092-1-AP (NCOA7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



IP result of anti-NCOA7 (IP:23092-1-AP, 4ug; Detection:23092-1-AP 1:5000) with HEK-293 cells lysate 1800 ug.