

For Research Use Only

# NR2F6 Monoclonal antibody

Catalog Number: 60117-2-Ig

Featured Product

3 Publications



## Basic Information

Catalog Number:

60117-2-Ig

Concentration:

1000 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG7614

GenBank Accession Number:

BC002669

GeneID (NCBI):

2063

UNIPROT ID:

P10588

Full Name:

nuclear receptor subfamily 2, group F, member 6

Calculated MW:

43 kDa

Observed MW:

43 kDa

Purification Method:

Protein A purification

CloneNo.:

2H2B8

Recommended Dilutions:

WB 1:2000-1:10000

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, rat

Cited Species:

human

**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:

**WB** : HCT 116 cells, HeLa cells, HT-29 cells, LNCaP cells, MCF-7 cells, HEK-293 cells, K-562 cells, HSC-T6 cells

**IHC** : human ovary tumor tissue, human kidney tissue

## Background Information

NR2F6 belongs to NR2F subfamily members, which have their roles in the regulation of neurogenesis, organogenesis, and cellular differentiation during embryonic development (PMID:15875024). NR2F6 acts as transcription factor by binding to a TGACCT direct-repeat motif and has been established in controlling facets of central nervous system (CNS) (PMID: 12690040). It is a nuclear attenuator that directly interferes with DNA binding of NF-AT and, subsequently, transcriptional activity of the NF-AT-dependent IL-17 expression. Otherwise, NR2F6 negatively interfered with transcriptional cytokine responses and acted as a barrier against autoimmunity (PMID:18701084).

## Notable Publications

Author	Pubmed ID	Journal	Application
Victoria Klepsch	29670099	Nat Commun	WB
Ji Won Lee	38132359	Biology (Basel)	WB
Hyungsoo Kim	37406115	Sci Adv	WB

## 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:

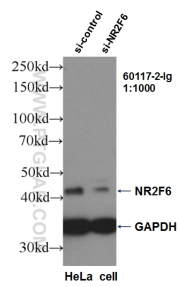
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

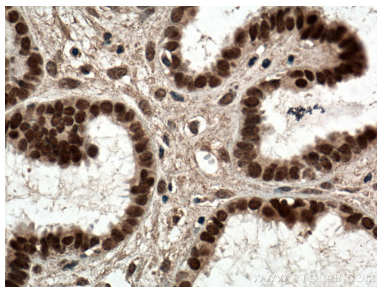
W: [ptgcn.com](http://ptgcn.com)

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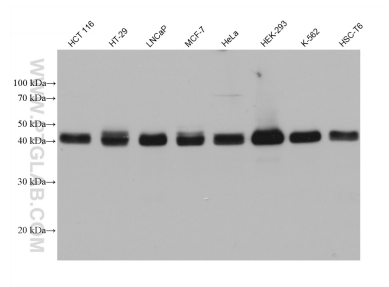
Selected Validation Data



WB result of NR2F6 antibody (60117-2-Ig, 1:1000) with si-Control and si-NR2F6 transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 60117-2-Ig (NR2F6 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 60117-2-Ig (NR2F6 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.