

For Research Use Only

NR2F1 Polyclonal antibody

Catalog Number: 24573-1-AP **6 Publications**



Basic Information

Catalog Number: 24573-1-AP	GenBank Accession Number: BC004154	Purification Method: Antigen affinity purification
Size: 450 µg/ml	GeneID (NCBI): 7025	Recommended Dilutions: WB 1:500-1:3000 IHC 1:250-1:1000
Source: Rabbit	UNIPROT ID: P10589	
Isotype: IgG	Full Name: nuclear receptor subfamily 2, group F, member 1	
Immunogen Catalog Number: AG0118	Calculated MW: 50 kDa	
	Observed MW: 46 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HEK-293 cells, PC-3 cells, NIH/3T3 cells
Cited Applications: WB, IF, IHC	IHC : human stomach cancer tissue, human ovary tissue
Species Specificity: human, mouse, rat	
Cited Species: 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

Background Information

NR2F1 (Nuclear receptor subfamily 2, group F, member 1), also known as COUP-TF1, is an orphan nuclear receptor belonging to the superfamily of steroid/thyroid hormone receptors and acting as a strong transcriptional regulator. NR2F1 has a DNA binding domain (DBD) consisting of two conserved Zinc-finger motifs and a ligand-binding domain (LBD). NR2F1 also plays an epigenetic role in mediating global histone modifications by interacting with or recruiting chromatin-remodeling enzymes. NR2F1 can be a biomarker of tumor dormancy that promotes quiescence of various types of cancer cells, including breast, prostate, and squamous cell carcinoma of the head and neck (PMID: 35740627).

Notable Publications

Author	Pubmed ID	Journal	Application
Qiuju Liang	36230565	Cancers (Basel)	WB,IHC
Joshua E Burda	35614216	Nature	IHC
Xiao Yang	33990215	J Exp Clin Cancer Res	IHC

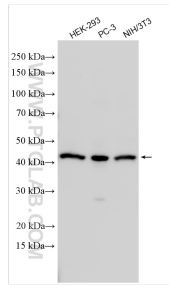
Storage

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

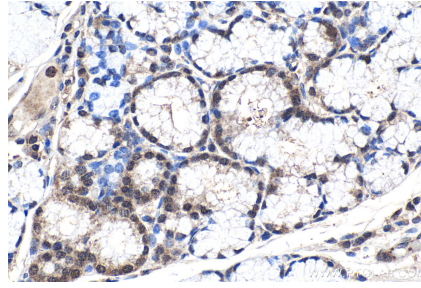
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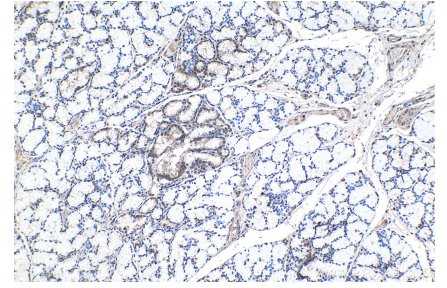
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24573-1-AP (NR2F1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 24573-1-AP (NR2F1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 24573-1-AP (NR2F1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).