

For Research Use Only

TINP1 Polyclonal antibody

Catalog Number: 16230-1-AP



Basic Information

Catalog Number: 16230-1-AP	GenBank Accession Number: BC005288	Purification Method: Antigen affinity purification
Size: 400 µg/ml	GeneID (NCBI): 10412	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: O95478	
Isotype: IgG	Full Name: TGF beta-inducible nuclear protein 1	
Immunogen Catalog Number: AG8822	Calculated MW: 260 aa, 30 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse, rat

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 : A549 cells, Caco-2 cells, HepG2 cells

IHC : human breast cancer tissue, human kidney tissue

Background Information

TINP1 (TGF beta inducible nuclear protein 1) was widely expressed in various cell lines. TINP1 overexpression significantly promoted tumor cell proliferation, which may be associated with the downregulation of p53 expression. Furthermore, TINP1 promoted a number of cell lines to the S phase of the cell cycle. TINP1 promotes cell proliferation and significantly reduces p53 and p21 expression.

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:

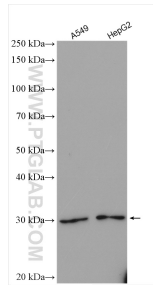
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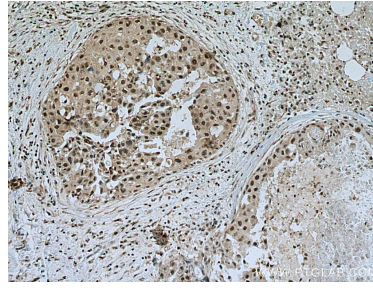
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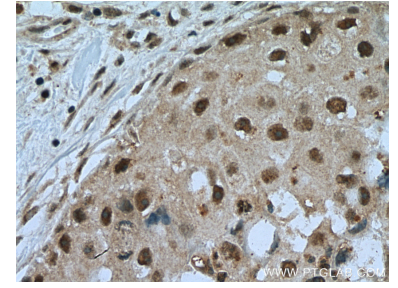
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16230-1-AP (TINP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 16230-1-AP (TINP1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 16230-1-AP (TINP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).