

For Research Use Only

# SURF4 Polyclonal antibody

Catalog Number: 11599-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 11599-1-AP	<b>GenBank Accession Number:</b> BC018741	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 550 µg/ml	<b>GeneID (NCBI):</b> 6836	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O15260	
<b>Isotype:</b> IgG	<b>Full Name:</b> surfeit 4	
<b>Immunogen Catalog Number:</b> AG2175	<b>Calculated MW:</b> 269 aa, 30 kDa	
	<b>Observed MW:</b> 31 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue, mouse liver tissue IHC : human breast cancer tissue,
<b>Cited Applications:</b> IHC	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Guohong Liu	37644433	J Transl Med	IHC

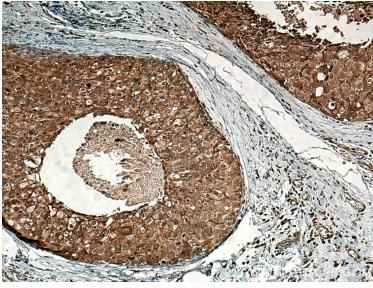
## Storage

**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

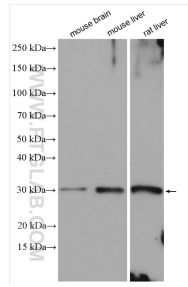
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11599-1-AP (SURF4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 11599-1-AP (SURF4 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.