

For Research Use Only

# TEAD3 Polyclonal antibody

Catalog Number: 13120-1-AP

7 Publications



## Basic Information

<b>Catalog Number:</b> 13120-1-AP	<b>GenBank Accession Number:</b> BC027877	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7005	<b>Recommended Dilutions:</b> WB: 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q99594	<b>IHC:</b> 1:1000-1:4000
<b>Isotype:</b> IgG	<b>Full Name:</b> TEA domain family member 3	<b>IF/ICC:</b> 1:50-1:500
<b>Immunogen Catalog Number:</b> AG3875	<b>Calculated MW:</b> 435 aa, 49 kDa	
	<b>Observed MW:</b> 50 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, ELISA	<b>Positive Controls:</b> WB : HCT 116 cells, HepG2 cells, MCF-7 cells
<b>Cited Applications:</b> WB, IHC	<b>IHC :</b> mouse small intestine tissue,
<b>Species Specificity:</b> human, mouse	<b>IF/ICC :</b> MCF-7 cells,
<b>Cited Species:</b> human, mouse	
<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

TEAD3, others named transcriptional enhancer factor 5 (TEF5), a member of family of transcription factors that plays a key role in the Hippo signaling pathway, suggesting involve in organ and tumor suppression by restricting proliferation and promoting. TEAD3 contains the TEA/ATTS DNA-binding domain. Human TEAD3 has a strong mRNA expression in placenta and choriocarcinoma cells (JEG-3), but low in Hela, HepG2 and MCF-7. This is a rabbit polyclonal anti-TEAD3 antibody raised against part of C-terminal chain of human TEAD3.

## Notable Publications

Author	Pubmed ID	Journal	Application
Ya-Qin Wang	36608137	Sci Adv	WB
Duo Zhang	25512392	J Cell Biol	WB
Katarzyna Ciuba	39909043	Cell Stem Cell	WB

## Storage

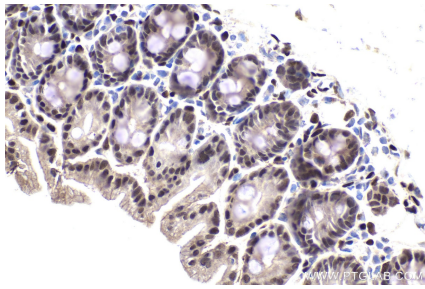
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

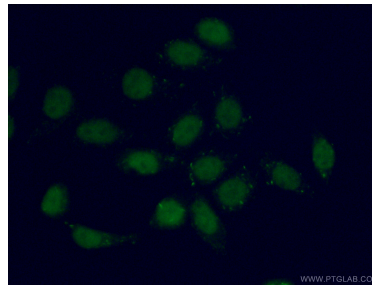
For technical support and original validation data for this product please contact:  
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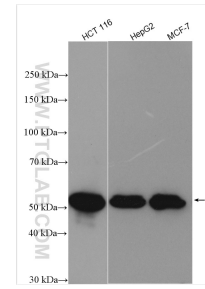
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using 13120-1-AP (TEAD3 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using 13120-1-AP (TEAD3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 13120-1-AP (TEAD3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.