

## Anti-TCF-4 Rabbit pAb



WLH4718

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-TCF-4 Rabbit pAb		
<b>Source</b>	Rabbit		
<b>Species reactivity</b>	Human, Mouse, Rat		
<b>Tested applications</b>	WB	1:500-1:1000	
	IHC	1:100-1:400	
<b>Pack size</b>	50/100/200/500/1000µl		
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>		
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide		

## General Information

**Background** Transcription factor 4 (TCF4), also known as SEF2, ITF2, E2-2, and ME2, binds to the immunoglobulin enhancer Mu-E5/KE5-motif. Involved in the initiation of neuronal differentiation. Activates transcription by binding to the E box (5'-CANNTG-3'). Binds to the E-box present in the somatostatin receptor 2 initiator element (SSTR2-INR) to activate transcription By similarity. Human TCF4 mRNA expression is particularly high in the brain.

**Immunogen** Polyclonal antibody is produced by immunizing animals with a synthetic peptide of TCF-4.

**Purification** Polyclonal antibody was purified by immunogen affinity chromatography.

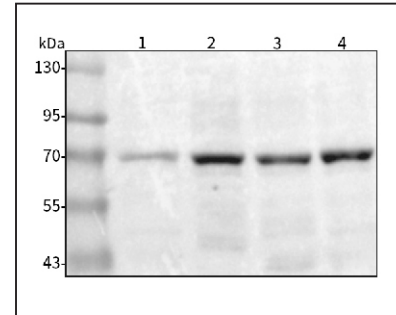
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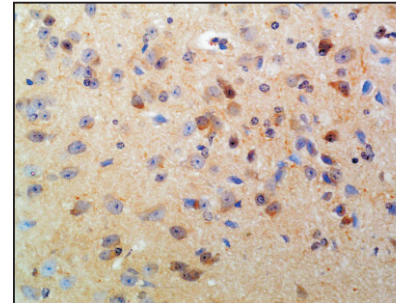
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## Product Images



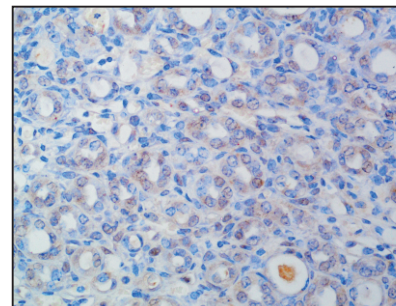
## Western blot-Anti-TCF-4 pAb

Lane 1: Rat RSC96 cell lysate  
 Lane 2: Human A2780 cell lysate  
 Lane 3: Human TPC-1 cell lysate  
 Lane 4: Mouse Haps1-6 cell lysate  
 All lanes: Anti-TCF-4 at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 72 kDa  
 Observed band size: 72 kDa



## Immunohistochemistry-Anti-TCF-4 pAb

Sample: Mouse brain tissue  
 Antigen retrieval: pH 9.0 Tris-EDTA buffer  
 Primary antibody: 1:200, 4°C, overnight  
 Secondary antibody-Biotin: 1:150, 37°C, 1h  
 Streptavidin-HRP: 1:200, 37°C, 30min  
 Visualization: DAB



## Immunohistochemistry-Anti-TCF-4 pAb

Sample: Mouse kidney tissue  
 Antigen retrieval: pH 9.0 Tris-EDTA buffer  
 Primary antibody: 1:200, 4°C, overnight  
 Secondary antibody-Biotin: 1:150, 37°C, 1h  
 Streptavidin-HRP: 1:200, 37°C, 30min  
 Visualization: DAB

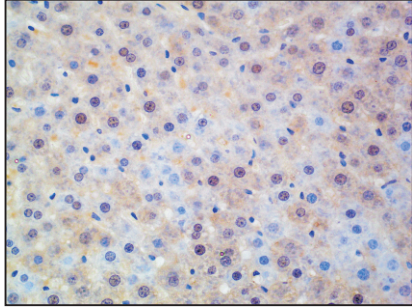
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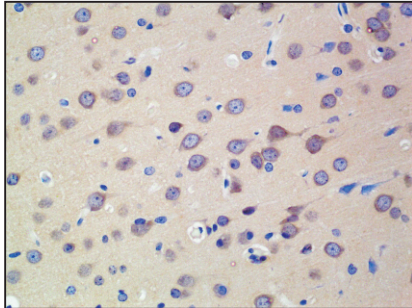
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### Product Information



#### Immunohistochemistry-Anti-TCF-4 pAb

**Sample:** Rat liver tissue  
**Antigen retrieval:** pH 9.0 Tris-EDTA buffer  
**Primary antibody:** 1:200, 4°C, overnight  
**Secondary antibody-Biotin:** 1:150, 37°C, 1h  
**Streptavidin-HRP:** 1:200, 37°C, 30min  
**Visualization:** DAB



#### Immunohistochemistry-Anti-TCF-4 pAb

**Sample:** Rat brain tissue  
**Antigen retrieval:** pH 9.0 Tris-EDTA buffer  
**Primary antibody:** 1:200, 4°C, overnight  
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