

Anti-ERK5 Rabbit pAb



WLH4603

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-ERK5 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat, Rabbit	
Tested applications	WB	1: 500- 1: 1000
	IHC, IF	1: 100- 1: 400
Cellular localization	Cytoplasm. Nucleus	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	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	Erk5 (Mitogen-activated protein kinase 7, Big mitogen-activated protein kinase 1) is a member of the MAPK superfamily implicated in the regulation numerous cellular processes including proliferation, differentiation, and survival. ERK proteins are regulated by dual phosphorylation at specific tyrosine and threonine sites mapping within a characteristic Thr-Glu-Tyr motif. Phosphorylation at both the Thr and Tyr residues is required for full enzymatic activation.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of ERK5.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

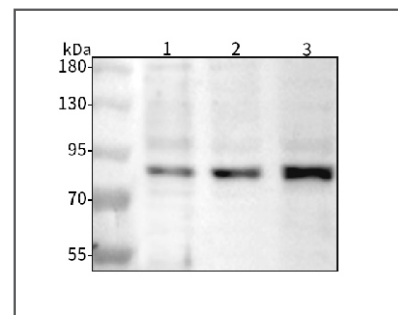
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Product Images



Western blot-Anti-ERK5 pAb

Lane 1: Human TPC-1 cell lasate

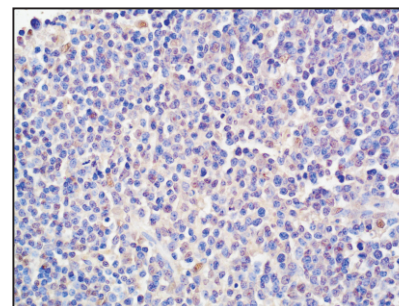
Lane 2: Human A2780 cell lasate

Lane 3: Mouse Raw264.7 cell lasate

All lanes: Anti-ERK5 at 1:1000 dilution

Lysates/proteins at 20-50 μg per lane.

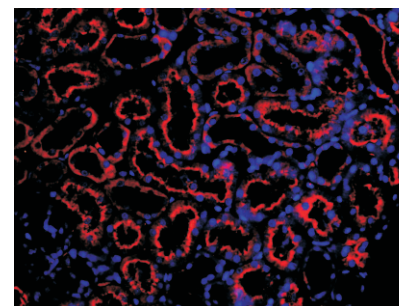
Predicted band size: 89 kDa



Immunohistochemistry-Anti-ERK5 pAb

Immunohistochemical analysis of paraffin-embedded rabbit thymus using anti-ERK5 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-ERK5 pAb

Immunofluorescence analysis of paraffin-embedded rat kidney using anti-ERK5 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0