

Anti-P-TAK1(Thr187) Rabbit pAb



WLA0312

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name Anti-P-TAK1(Thr187) Rabbit pAb**Source** Rabbit**Species reactivity** Human, Mouse, Rat**Tested applications** WB 1:1000-1:2000

IF 1:200-1:500

Cellular localization Cell membrane. Cytoplasm.**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

MAP3K7 (mitogen activated protein kinase kinase 7), also known as TAK1, belongs to the MAP kinase kinase subfamily and is a component of the protein kinase signaling cascade. This kinase mediates TGF β - and morphogenetic protein (BMP) - induced signal transduction and controls various cellular functions, including transcriptional regulation and apoptosis. It responds to TRAF6 signaling to activate IKKB and MAPK8, stimulating NF-KAPPA-B activation and p38 MAPK pathway.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of P-TAK1(Thr187).

Purification

Polyclonal antibody was purified by Protein A affinity chromatography.

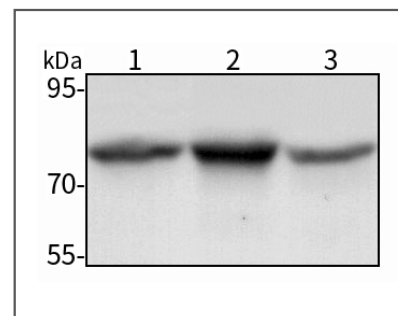
Anti-P-TAK1(Thr187) Rabbit pAb



WLA0312

For Research Use Only. Not For Use In Diagnostic Procedures

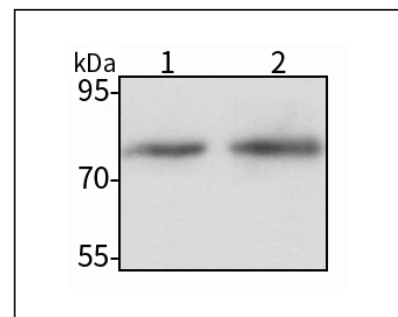
Product Images

**Western blot-Anti-P-TAK1(Thr187) pAb****Lane 1:** Human Hela cell lysate**Lane 2:** Human HEK293 cell lysate**Lane 3:** Human HCT116 cell lysate**All lanes:** Anti-P-TAK1(Thr187) at 1:1000 dilution

Lysates/proteins at 20-50 μg per lane

Predicted band size: 67 kDa

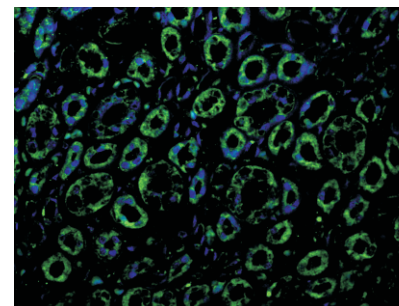
Observed band size: 75-85 kDa

**Western blot-Anti-P-TAK1(Thr187) pAb****Lane 1:** Mouse intestine tissue lysate**Lane 2:** Rat stomach tissue lysate**All lanes:** Anti-P-TAK1(Thr187) at 1:1000 dilution

Lysates/proteins at 20-50 μg per lane

Predicted band size: 67 kDa

Observed band size: 75-85 kDa

**Immunofluorescence-Anti-P-TAK1(Thr187) pAb**

Immunofluorescence analysis of paraffin-embedded human kidney using anti-P-TAK1(Thr187) Rabbit Antibody at 1:200 dilution.

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

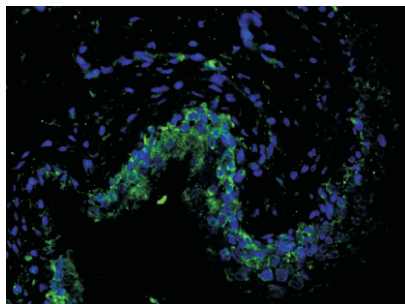
Anti-P-TAK1(Thr187) Rabbit pAb



WLA0312

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information



Immunofluorescence-Anti-P-TAK1(Thr187) pAb

Immunofluorescence analysis of paraffin-embedded rat bladder using anti-P-TAK1(Thr187) Rabbit Antibody at 1:200 dilution.

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