

Anti- P-TAK1(Ser439) Rabbit pAb



WLA0508

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name Anti- P-TAK1(Ser439) Rabbit pAb**Source** Rabbit**Species reactivity** Human, Mouse, Rat

Tested applications

WB	1:500-1:1000
IHC, IF	1:50-1:200

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 IKKβ 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(Ser439).

Purification

Polyclonal antibody was purified by immunogen affinity chromatography.

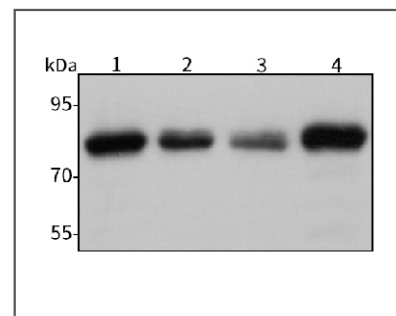
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Product Images

**Western blot-Anti- P-TAK1(Ser439) pAb**

Lane 1: Human HEK293 cell lysate

Lane 2: Human HCT116 cell lysate

Lane 3: Human A549 cell lysate

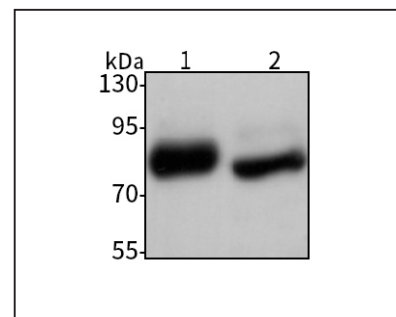
Lane 4: Human Hela cell lysate

All lanes: Anti- P-TAK1(Ser439) 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(Ser439) pAb**

Lane 1: Mouse lung tissue lysate

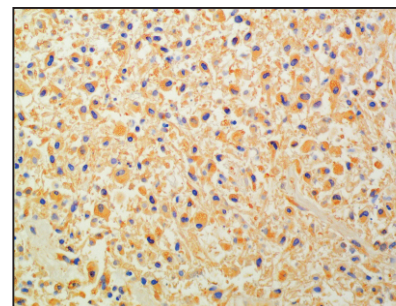
Lane 2: Rat liver tissue lysate

All lanes: Anti- P-TAK1(Ser439) at 1:1000 dilution

Lysates/proteins at 20-50 µg per lane.

Predicted band size: 67 kDa

Observed band size: 75-85 kDa

**Immunohistochemistry-Anti- P-TAK1(Ser439) pAb**

Immunohistochemical analysis of paraffin-embedded human brain glioma using anti- P-TAK1(Ser439) Rabbit Antibody at 1:100 dilution.

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

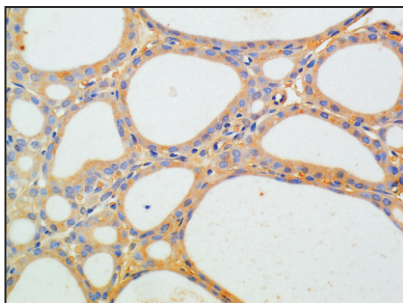
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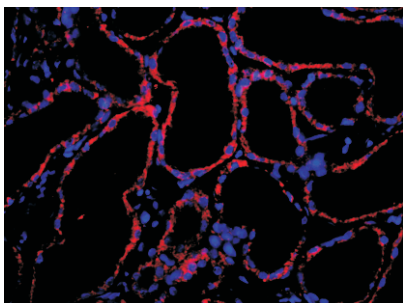
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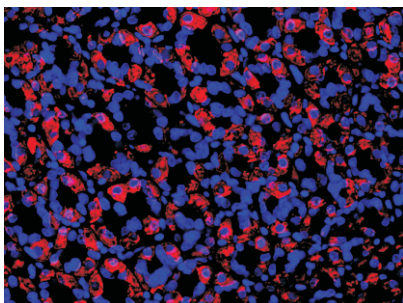
Immunohistochemistry-Anti- P-TAK1(Ser439) pAb

Immunohistochemical analysis of paraffin-embedded rat thyroid gland using anti- P-TAK1(Ser439) Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-P-TAK1(Ser439) pAb

Immunofluorescence analysis of paraffin-embedded human kidney cancer using anti- P-TAK1(Ser439) Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-P-TAK1(Ser439) pAb

Immunofluorescence analysis of paraffin-embedded rat stomach using anti- P-TAK1(Ser439) Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0