ASK1 Antibody

Catalog No: #24026

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

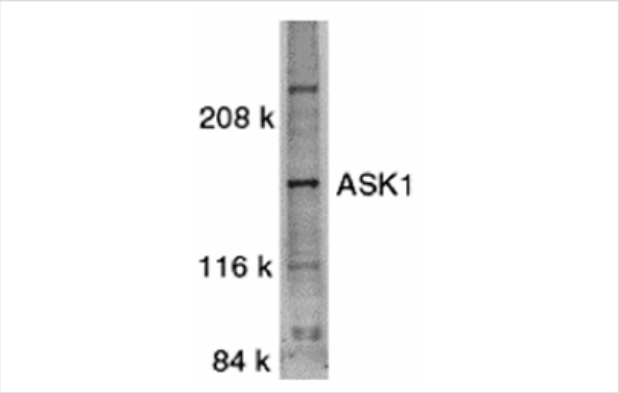
Description

Product Name	ASK1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	ASK1 Antibody is DEAE purified.
Applications	ELISA WB ICC
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids near the carboxy terminus of human ASK1. This sequence is different from that of mouse by last two amino acids.
Target Name	ASK1
Other Names	MAPKKK5
Accession No.	Q99683
Uniprot	Q99683
GeneID	4217;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

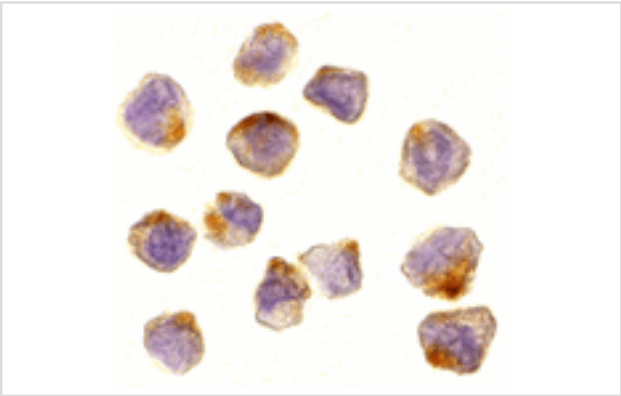
Application Details

Predicted MW: 155 kd

Images



Western blot analysis of ASK1 in SW1353 whole cell lysate with ASK1 antibody at 1:500 dilution.



Immunocytochemistry of ASK1 in A431 cells with ASK1 antibody at 10 ug/mL.

Background

Mitogen-activated protein (MAP) kinase cascades are activated in response to various extracellular stimuli, including cytokines, growth factors and environmental stresses. A novel MAP kinase kinase kinase (MAPKKK) was recently identified and designated ASK1 (for apoptosis signal-regulating kinase 1) and MAPKKK5. ASK1 activated two different subgroups of MAPKK, MKK4 and MKK6, which in turn activated c-Jun N-terminal kinase (JNK) and p38 MAP kinase, respectively. ASK1/MAPKKK5 is activated by TNFR and Fas through the interaction with members of the TRAF family and Fas-associated protein Daxx. Overexpression of ASK1 induced apoptotic cell death, and a catalytically inactive form of ASK1 inhibited TNF-α-induced apoptosis. ASK1 is expressed in variety of human and mouse tissues.

Note: This product is for in vitro research use only