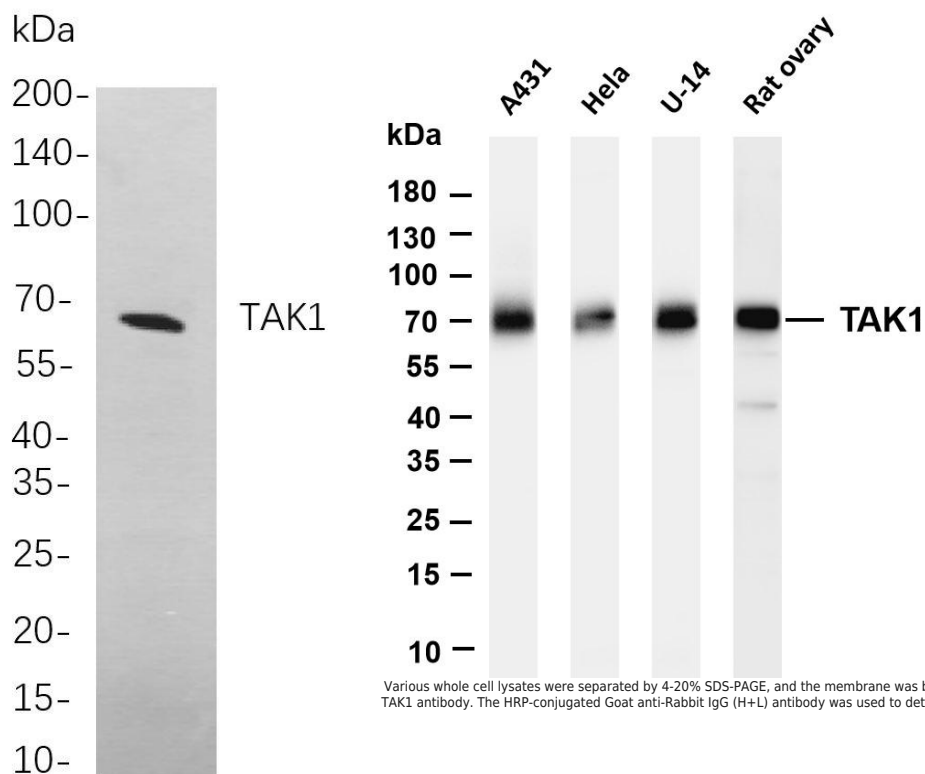


Product name:	TAK1 Rabbit Monoclonal Antibody
Cat number:	MABN21459
Conjugate:	Unconjugated
Size:	100 ug
Concentration:	1 mg/ml. The concentration of this product may be batch-dependent.
Host:	Rabbit
Isotype:	IgG,Kappa
Immunogen:	A synthetic peptide corresponding to target protein.
Reactivity:	Human,Mouse,Rat
Applications:	Western Blot 1:1000-1:5000; Immunocytochemistry/Immunofluorescence: 1:200-1:1000; Immunoprecipitation:1:50-1:200; ELISA 1:5000-1:20000;
Molecular Weight:	Observed MW: 67kD
Purification:	Protein A
Form:	Liquid
Buffer:	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protective protein
Storage:	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Background:	Cell localization: Cytoplasm, Membrane. The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase mediates the signaling transduction induced by TGF beta and morphogenetic protein (BMP), and controls a variety of cell functions including transcription regulation and apoptosis. In response to IL-1, this protein forms a kinase complex including TRAF6, MAP3K7P1/TAB1 and MAP3K7P2/TAB2; this complex is required for the activation of nuclear factor kappa B. This kinase can also activate MAPK8/JNK, MAP2K4/MKK4, and thus plays a role in the cell response to environmental stresses. Four alternatively spliced transcript variants encoding distinct isoforms have been reported.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-TAK1 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H+L) antibody was used to detect the antibody.

Western blot analysis of lysates from A431 cells, using TAK1 Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.