

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human ASK1 in direct ELISAs and Western blots.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human ASK1 Lys1011-Asp1196 Accession # Q99683
Conjugate	Alexa Fluor 350 Excitation Wavelength: 346 nm Emission Wavelength: 442 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Apoptosis signal-regulating kinase 1 (ASK1) is a MAP kinase kinase kinase also known as MEKK5 and MAP3K5. ASK1 is induced by inflammatory cytokines, UV light, and other stress-related stimuli to phosphorylate MAP kinase kinases that in turn activate the p38 and JNK families of MAP kinases. Mice lacking ASK1 are resistant to stress-induced p38 and JNK activation and cell death.

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