Human/Mouse/Rat JNK Alexa Fluor® 750-conjugated Antibody

Antigen Affinity-purified Polyclonal Rabbit IgG
Catalog Number: AF1387S
100 µg

DESCRIPTION

Species Reactivity	Human/Mouse/Rat
Specificity	Detects human, mouse, and rat p46 and p54 JNK in Western blots. Detects recombinant human (rh) JNK1, rhJNK2, and rhJNK3.
Source	Polyclonal Rabbit IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant human JNK1 Met1-Gln384 Accession # P45983
Conjugate	Alexa Fluor 750 Excitation Wavelength: 749 nm Emission Wavelength: 775 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.
Immunohistochemistry	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

The c-Jun N-terminal kinases (JNKs) are encoded by three genes: JNK1, JNK2, and JNK3. Members of the MAPK superfamily, JNKs are activated by environmental stresses and inflammatory cytokines. JNK1, also known as SAPK1γ and MAPK8, is expressed as four isoforms generated by alternative splicing. JNK1 is activated by dual phosphorylation at T183 and Y185 by the MAPK kinases MKK4 and/or MKK7.

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