Human/Mouse RIPK4/RIP4 Alexa Fluor® 750-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF10002S
100 µg

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse RIPK4/RIP4 in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant human/mouse RIPK4/RIP4 Thr218-Thr450 Accession # P57078
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

Receptor-interacting serine-threonine kinase 4 (RIPK4/PKK) is a serine/threonine protein kinase which interacts with protein kinase C-delta, but also activates NFkappaB, and interacts with the Wnt3a coreceptor LRP6 after Wnt3a stimulation. RIPK4 is required for keratinocyte differentiation and has broad expression in epithelial tissues. Down regulation of RIPK4 has been observed in squamous cell carcinomas, hepatocellular carcinoma, urothelial carcinoma and cervical carcinoma. Mutations in in the RIPK4 gene cause Popliteal pterygium syndrome, lethal type (PPS-L), CHAND syndrome and Bartsocas-Papas syndrome.

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