Human/Mouse/Rat MLK4α Alexa Fluor® 488-conjugated Antibody

Antigen Affinity-purified Polyclonal Rabbit IgG
Catalog Number: AF3435G
100 µg

DESCRIPTION

Species Reactivity	Human/Mouse/Rat
Specificity	Detects endogenous human, mouse, and rat MLK4α. Because the peptide immunogen corresponds to a region at the C-terminus of MLK4α absent in MLK4β, no reactivity with MLK4β is present.
Source	Polyclonal Rabbit IgG
Purification	Antigen Affinity-purified
Immunogen	Human MLK4α synthetic peptide (aa 560 - 570) ELSALPPGLLC Accession # CAC84639
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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

Mixed-lineage kinases (MLKs) function as mitogen-activated protein kinase kinase kinases (MAP3Ks), activating the p38 and JNK signaling cascades. The potential importance of MLK4's role in cell regulation has been indicated by the finding of nine separate *mlk4* point mutations in a recent sampling of colorectal cancers. MLK4 has two splice variants, with MLK4α containing a different and shorter C-terminus than MLK4β.

PRODUCT SPECIFIC NOTICES

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