Human Eps8 Alexa Fluor® 700-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF5529N
100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects endogenous human Eps8 in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant human Eps8 Met1-Ser177 Accession # Q12929
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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.

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

Eps8 (EGF R pathway substrate 8) is a 97 kDa member of the Eps family of proteins. It is ubiquitously expressed and serves as a signaling molecule for multiple RTKs, including FGF R, EGF R and PDGF R. Upon activation, Eps8 promotes endocytosis through Rab5, and Rac activation via IRSp53, Abi-1 and Sos-1. Human Eps8 is 822 amino acids (aa) in length. It contains a PH-like domain (aa 62-173), an EGF R binding region (aa 296-362), an SH3 domain that mediates homodimerization (aa 535-587) and a Sos-1 interaction site (aa 648-821). There is one potential alternate start site at Met261, and a splice variant that shows a 15 aa substitution for aa 676-822.

PRODUCT SPECIFIC NOTICES

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