

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse SLAIN1.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant mouse SLAIN1 Met262-Gln483 Accession # Q68FF7
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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

SLAIN1 (SLAIN motif-containing protein 1) is a 61 kDa (predicted) member of the SLAIN motif containing family of proteins. It is expressed in embryonic stem cells plus cells of the neural tube, and also appears in multiple adult tissues. Its function is unclear. Mouse SLAIN1 is 579 amino acids (aa) in length. It contains a coiled-coil region (aa 21-56), a Pro-rich segment (aa 64-160), and one C-terminal SLAIN (SerLeuAlaIleAsn) motif. There are two potential splice variants. One shows an alternate start site at Met262, while another shows a 50 aa insertion after Gln231. Over aa 262-483, mouse SLAIN1 shares 96% and 92% aa identity with rat and human SLAIN1, respectively.

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