Human Ajuba Alexa Fluor® 488-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF5594G
100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects endogenous human Ajuba in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant human Ajuba Met1-Arg121 Accession # Q96IF1
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.

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

Ajuba (an Urdu word meaning "curiosity") is a 55-60 kDa member of the Zyxin/Ajuba family of proteins. Ajuba is found in keratinocytes, astrocytes and neurons, and exhibits multiple functions. It shuttles between the nucleus and cytosol, and participates in α-catenin:F-actin binding, β-catenin binding and phosphorylation, p62 aPKC scaffold protein binding and NF-κB activation, and Aurora-A binding and phosphorylation. Human Ajuba is 538 amino acids (aa) in length. It contains a Pro-rich preLIM region that binds actin and Grb2 (aa 1-335), an NES (aa 280-287), and three LIM domains that bind multiple proteins (aa 336-397, 401-461 and 462-530).

PRODUCT SPECIFIC NOTICES

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