Human ARA54 Alexa Fluor® 594-conjugated Antibody

Antigen Affinity-purified Polyclonal Sheep IgG
Catalog Number: AF5124T
100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects endogenous human ARA54 in Western blots.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant human ARA54 Met127-Gln261 Accession # Q9UBS8
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 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

ARA54 (androgen receptor associated protein 54; also RING finger protein 14) is a 50-55 kDa member of the zinc finger superfamily of proteins. It is ubiquitously expressed, and has two functions; one is to serve as a homodimeric co-activator for androgen receptor-induced transcription, and a second as an E3 ubiquitin-protein ligase. Human ARA54 is 474 amino acids (aa) in length and contains an RDW domain that interacts with E2 ubiquitin ligase (aa 11-137), two zinc finger domains that qualify as RING-type (aa 220-266) and IBR-type (aa 289-350), and an androgen-interaction region (aa 361-474) that contains a coiled-coil domain. There is one alternate start site at Met127. Over aa 127-261, human ARA54 is 87% aa identical to mouse ARA54.

PRODUCT SPECIFIC NOTICES

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