

**DATASHEET**

**FNTA Rabbit Polyclonal Antibody**

CAT. NO. APA14845

**KEY FEATURES**

Target	FNTA	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IF/ICC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

**BACKGROUND**

Essential subunit of both the farnesyltransferase and the geranylgeranyltransferase complex. Contributes to the transfer of a farnesyl or geranylgeranyl moiety from farnesyl or geranylgeranyl diphosphate to a cysteine at the fourth position from the C-terminus of several proteins having the C-terminal sequence Cys-aliphatic-aliphatic-X. May positively regulate neuromuscular junction development downstream of MUSK via its function in RAC1 prenylation and activation.

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

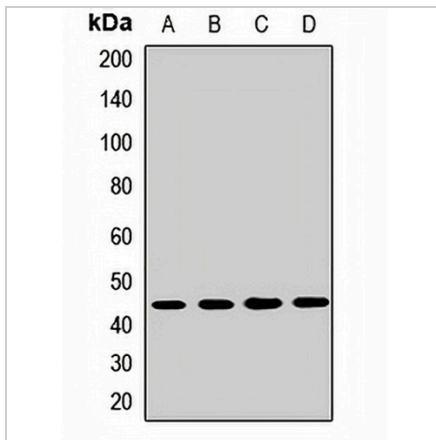
Description	Rabbit polyclonal antibody to FNTA
Specificity	Recognizes endogenous levels of FNTA protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human FNTA
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 36; Observed: 44 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha; CAAX farnesyltransferase subunit alpha; FTase-alpha; Ras proteins prenyltransferase subunit alpha; Type I protein geranylgeranyltransferase subunit alpha; GGTase-I-alpha
Gene Symbol	FNTA
Entrez Gene	2339(Human); 14272(Mouse); 25318(Rat)
SwissProt	P49354(Human); Q61239(Mouse); Q04631(Rat)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of FNTA expression in HT29 (A), A549 (B), mouse kidney (C), rat brain (D) whole cell lysates. (Predicted band size: 36; 44 kD; Observed band size: 44 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.