

Rabbit anti-Human FNTA Polyclonal Antibody | anti-FNTA antibody

Rabbit anti-FNTA Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212583	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

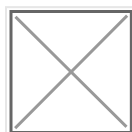
PRODUCT SYNONYMS

FNTA; Polyclonal Antibody; Rabbit anti-FNTA Antibody; Affinity Purified; GGTase-I-alpha; protein prenyltransferase alpha subunit repeat containing 2; Type I protein geranyl-geranyltransferase subunit alpha; type I protein geranyl-geranyltransferase alpha subunit; ras proteins prenyltransferase subunit alpha; PTAR2; CAAX farnesyltransferase subunit alpha; PGGT1A; protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha; FTase-alpha; FPTA; farnesyl-protein transferase alpha-subunit; Protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha; farnesyltransferase; CAAX box; alpha; anti-FNTA antibody

PRODUCT SPECIFICATIONS

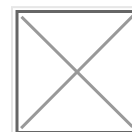
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-FNTA antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 329 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



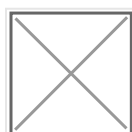
WB (Western Blot)

Detection of human FNTA by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-FNTA antibody AAA212583 (lot AAA212583-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human FNTA by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells. Antibodies: Affinity purified rabbit anti-FNTA antibody AAA212583 (lot AAA212583-1) used for IP at 6 ug per reaction. FNTA was also immunoprecipitated by rabbit anti-FNTA antibody BL15722. For blotting immunoprecipitated FNTA, AAA212583 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human FNTA by immunohistochemistry. Sample: FFPE section of human testicular seminoma. Antibody: Affinity purified rabbit anti-FNTA (Cat. No. AAA212583 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-FNTA antibody	Farnesyl-protein transferase alpha-subunit (FNTA) catalyzes the transfer of a farnesyl or geranyl-geranyl moiety from farnesyl or geranyl-geranyl pyrophosphate to a cysteine at the fourth position from the C-terminus of several proteins having the C-terminal sequence Cys-aliphatic-aliphatic-X. The alpha subunit is thought to participate in a stable complex with the substrate. The beta subunit binds the peptide substrate. Through RAC1 prenylation and activation may positively regulate neuromuscular junction development downstream of MUSK (By similarity) [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P49354].
Product Categories/Family for anti-FNTA antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503771
NCBI GeneID	2339
NCBI Accession #	NP_002018.1
NCBI GenBank Nucleotide #	NM_002027.2
UniProt Accession #	P49354 ; Q53XJ9 ; Q9UDC1 ; A6NJW0 ; AAB26814
Molecular Weight	36,493 Da
NCBI Official Full Name	protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha
NCBI Official Synonym Full Names	farnesyltransferase, CAAX box, alpha
NCBI Official Symbol	FNTA
NCBI Official Synonym Symbols	FPTA; PTAR2; PGGT1A
NCBI Protein Information	protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha; FTase-alpha; GGTase-I-alpha; farnesyl-protein transferase alpha-subunit; ras proteins prenyltransferase subunit alpha; type I protein geranyl-geranyltransferase alpha subunit; pro
UniProt Protein Name	Protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha
UniProt Gene Name	FNTA
UniProt Synonym Gene Names	GGTase-I-alpha
UniProt Entry Name	FNTA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fnta-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212583>