

KD-Validated Anti-FNTA Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI2237

Specification

KD-Validated Anti-FNTA Rabbit Monoclonal Antibody - Product Information

Application	WB, FC
Primary Accession	P49354
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 44 kDa; observed, 44 kDa kDa
Gene Name	FNTA
Aliases	FNTA; Farnesyltransferase, CAAX Box, Subunit Alpha; Protein Farnesyltransferase /Geranylgeranyltransferase Type-1 Subunit Alpha; PGGT1A; PTAR2; FPTA; Protein Prenyltransferase Alpha Subunit Repeat Containing 2; Ras Proteins Prenyltransferase Subunit Alpha; Farnesyltransferase, CAAX Box, Alpha; GGTase-I-Alpha; FTase-Alpha; Type I Protein Geranyl-Geranyltransferase Alpha Subunit; Type I Protein Geranyl-Geranyltransferase Subunit Alpha; Farnesyl-Protein Transferase Alpha-Subunit; CAAX Farnesyltransferase Subunit Alpha; EC 2.5.1.58; EC 2.5.1.59
Immunogen	A synthesized peptide derived from human FNTA

KD-Validated Anti-FNTA Rabbit Monoclonal Antibody - Additional Information

Gene ID	2339
Other Names	Protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha, 2.5.1.58, 2.5.1.59, CAAX farnesyltransferase subunit alpha, FTase-alpha, Ras proteins prenyltransferase subunit alpha, Type I protein geranyl-geranyltransferase subunit alpha, GGTase-I-alpha, FNTA

KD-Validated Anti-FNTA Rabbit Monoclonal Antibody - Protein Information

Name FNTA

Function

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

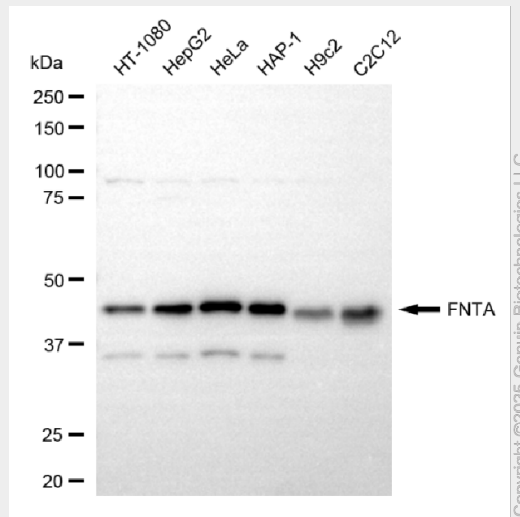
development downstream of MUSK via its function in RAC1 prenylation and activation.

KD-Validated Anti-FNTA Rabbit Monoclonal Antibody - Protocols

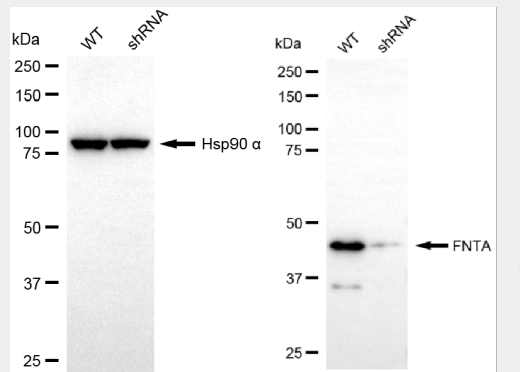
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KD-Validated Anti-FNTA Rabbit Monoclonal Antibody - Images

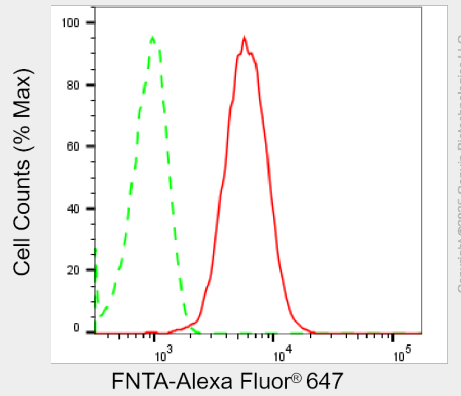


Western blotting analysis using anti-FNTA antibody (Cat#AGI2237). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-FNTA antibody (Cat#AGI2237, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-FNTA antibody (Cat#AGI2237). FNTA expression in wild-type (WT) and FNTA shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-FNTA antibody (Cat#AGI2237, 1:5,000) and

HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of FNTA expression in HepG2 cells using anti-FNTA antibody (Cat#AGI2237, 1,2000). Green, isotype control; red, FNTA.