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KD-Validated Anti-FNTA Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI2253

Specification

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

Application	**WB**
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

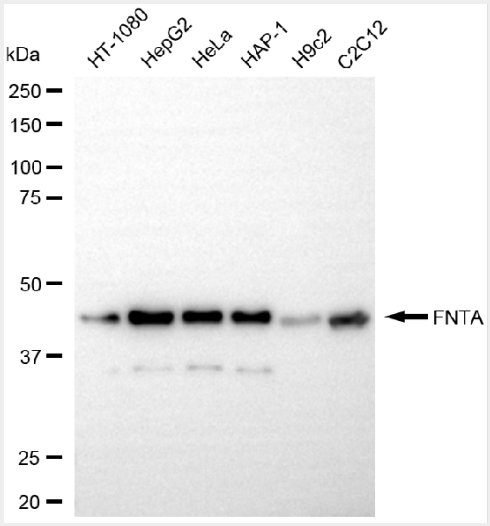
development downstream of MUSK via its function in RAC1 prenylation and activation.

KD-Validated Anti-FNTA Rabbit Monoclonal Antibody - Protocols

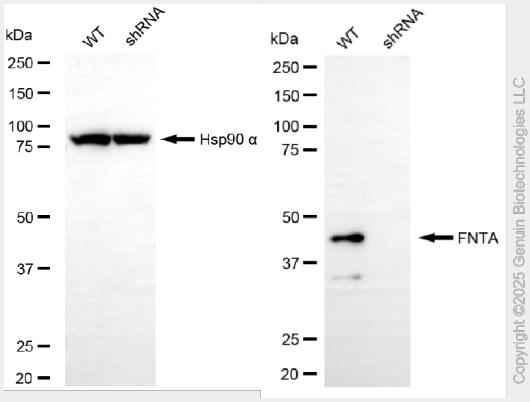
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KD-Validated Anti-FNTA Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-FNTA antibody (Cat#AGI2253). 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#AGI2253, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-FNTA antibody (Cat#AGI2253). 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#AGI2253, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.