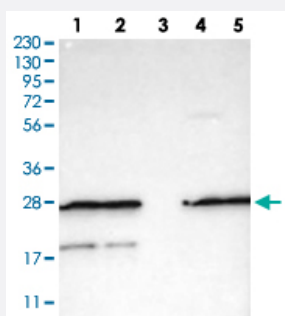


FNTA polyclonal antibody

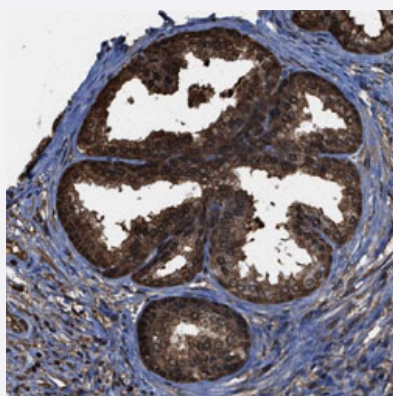
Catalog # PAB31607 Size 100 uL

Applications



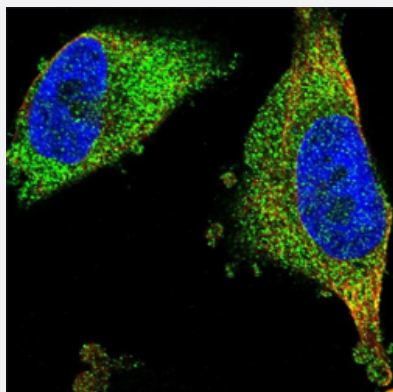
Western Blot

Western Blot analysis of (1) Human RT-4 cell, (2) Human U-251MG cell, (3) Human plasma (IgG/HSA depleted), (4) Human liver tissue, (5) Human tonsil tissue.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human prostate shows nuclear and cytoplasmic positivity in glandular cells.



Immunofluorescence

Immunofluorescent staining of U-251 MG cell line with antibody shows positivity in cytosol (green).

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human FNTA.
Immunogen	Recombinant protein corresponding to human FNTA.
Sequence	LDSPSYVLYRHFRRVLLKSLQKDLHEEMNYTAIEEQPKNYQVWHHRRVLVEWLRDPSQELEFIA DI
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:500-1000) Western Blot (1:100-250) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

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Gene Info — FNTA

Entrez GeneID

[2339](#)

Protein Accession#	P49354
Gene Name	FNTA
Gene Alias	FPTA, MGC99680, PGGT1A, PTAR2
Gene Description	farnesyltransferase, CAAX box, alpha
Omim ID	134635
Gene Ontology	Hyperlink
Gene Summary	<p>Prenyltransferases attach either a farnesyl group or a geranylgeranyl group in thioether linkage to the cysteine residue of protein's with a C-terminal CAAX box. CAAX geranylgeranyltransferase and CAAX farnesyltransferase are heterodimers that share the same alpha subunit but have different beta subunits. This gene encodes the alpha subunit of these transferases. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]</p>
Other Designations	FTase-alpha GGTase-I-alpha farnesyltransferase alpha-subunit protein prenyltransferase alpha subunit repeat containing 2 ras proteins prenyltransferase alpha type I protein geranyl-geranyltransferase alpha subunit

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Metabolic Syndrome X](#)