

## Datasheet

### FNTA polyclonal antibody

**Catalog Number:** PAB4326

**Regulation Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against synthetic peptide of FNTA.

**Immunogen:** A synthetic peptide (conjugated with KLH) corresponding to internal region of human FNTA.

**Host:** Rabbit

**Reactivity:** Human, Mouse

**Applications:** ELISA, WB-Ti  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Purification:** Protein G purification

**Recommend Usage:** ELISA (1:1000)  
Western Blot (1:100-500)  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (0.09% sodium azide)

**Storage Instruction:** Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 2339

**Gene Symbol:** FNTA

**Gene Alias:** FPTA, MGC99680, PGGT1A, PTAR2

**Gene Summary:** 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]

#### References:

1. The p21(RAS) farnesyltransferase alpha subunit in TGF-beta and activin signaling. Wang T, Danielson PD, Li BY, Shah PC, Kim SD, Donahoe PK. Science. 1996 Feb 23;271(5252):1120-2.
2. cDNA cloning and expression of rat and human protein geranylgeranyltransferase type-I. Zhang FL, Diehl RE, Kohl NE, Gibbs JB, Giros B, Casey PJ, Omer CA. J Biol Chem. 1994 Feb 4;269(5):3175-80.
3. cDNA cloning of the two subunits of human CAAX farnesyltransferase and chromosomal mapping of FNTA and FNTB loci and related sequences. Andres DA, Milatovich A, Ozcelik T, Wenzlau JM, Brown MS, Goldstein JL, Francke U. Genomics. 1993 Oct;18(1):105-12.