



[Go to Product page](#)

Datasheet for ABIN1421230
anti-PGGT1B antibody (HRP)

Overview

Quantity:	100 µL
Target:	PGGT1B
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PGGT1B antibody is conjugated to HRP
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PGGT1B/FNTB
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	PGGT1B
Alternative Name:	PGGT1B (PGGT1B Products)
Background:	Synonyms: CAAX farnesyltransferase subunit beta, EC 2.5.1.58, EC=2.5.1.58, Farnesyltransferase, farnesyltransferase CAAX box beta1, farnesyltransferase, CAAX box, beta, FNTB, FNTB_HUMAN, FPTB, FTase beta, FTase-beta, Protein farnesyltransferase subunit beta, RAS proteins prenyltransferase beta, Ras proteins prenyltransferase subunit beta.

Target Details

Background: Mammalian protein farnesyl transferases are heterodimeric proteins containing two nonidentical Alpha and beta subunits that attach farnesyl residues to a cysteine at the fourth position from the COOH terminus of several proteins, including nuclear lamins and p21Ras proteins. The natural substrates contain the Cys-A-A-Xaa recognition sequence, where the A residues are aliphatic and Xaa represents methionine, serine, glutamine or cysteine. The purified farnesyl transferase is an a-b heterodimer. The beta subunit, which is known as FT beta, CAAX farnesyltransferase subunit beta, or Ras proteins prenyltransferase subunit beta, is a 437 amino acid protein that contains five PFTB repeats and binds the peptide substrate. The Alpha subunit is suspected to participate in formation of a stable complex with the substrate farnesyl pyrophosphate.

Gene ID: 2342

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months