

Datasheet for ABIN7247108

anti-GABPB1 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	GABPB1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABPB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of human GABPB1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	GABPB1
Alternative Name:	GABPB1 (GABPB1 Products)
Background:	This gene encodes the GA-binding protein transcription factor, beta subunit. This protein forms a tetrameric complex with the alpha subunit, and stimulates transcription of target genes. The encoded protein may be involved in activation of cytochrome oxidase expression and nuclear control of mitochondrial function. The crystal structure of a similar protein in mouse has been

Target Details

resolved as a ternary protein complex. Multiple transcript variants encoding distinct isoforms have been identified for this gene.

Molecular Weight: Observed_MW: Refer to figures
Calculated_MW: 42 kDa

UniProt: [Q06547](#)

Application Details

Application Notes: WB 1:1000-1:5000, IHC 1:70-1:350, ELISA 1:5000-1:10000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.2 mg/mL

Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

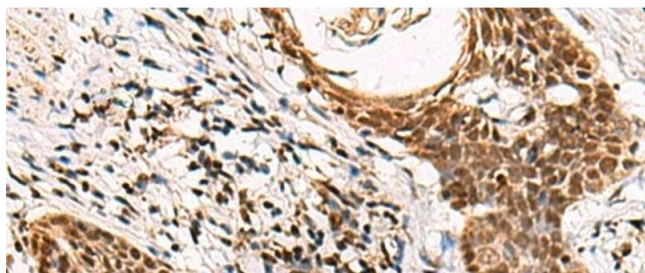
Preservative: Sodium azide

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

Storage: -20 °C

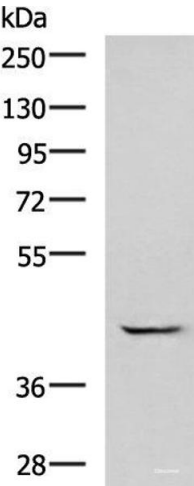
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using GABPB1 Polyclonal Antibody at dilution of 1:70(x200)



Western Blotting

Image 2. Western blot analysis of A549 cell lysate using GABPB1 Polyclonal Antibody at dilution of 1:1000