

Product datasheet

Anti-GGT7 antibody ab72662

1 Image

Overview

Product name	Anti-GGT7 antibody
Description	Rabbit polyclonal to GGT7
Specificity	ab72662 detects endogenous levels of fragment of activated GGT7 resulting from cleavage adjacent to Thr472.
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide derived from human GGT7.
Positive control	Extracts from Jurkat cells treated with etoposide (25uM, 24hours).

Properties

Form	Liquid
Storage instructions	Store at -20°C. Stable for 12 months at -20°C
Storage buffer	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg ²⁺ and Ca ²⁺), 150mM Sodium chloride, pH 7.4
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab72662** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
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WB

ELISA

Application notes	ELISA: 1/10000. WB: 1/500 - 1/1000. Detects a band of approximately 51 kDa (predicted molecular weight: 57
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kDa).

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Relevance

GGT7 (Gamma-glutamyltransferase 7) is a member of a gene family that encodes enzymes involved in both the metabolism of glutathione and in the transpeptidation of amino acids. Changes in the activity of gamma glutamyltransferase may signal preneoplastic or toxic conditions in the liver or kidney. GGT7 consists of a heavy and a light chain, and it can interact with CT120, a plasma membrane associated protein that is possibly involved in lung carcinogenesis.

Cellular localization

Membrane; Single pass type II membrane protein.

Images



All lanes : Anti-GGT7 antibody (ab72662) at 1/500 dilution

Lane 1 : Extracts from Jurkat cells, treated with etoposide (25uM, 24hours)

Lane 2 : Extracts from Jurkat cells, treated with etoposide (25uM, 24hours) with C-peptide at 10 µg

Lysates/proteins at 30 µg per lane.

Predicted band size : 57 kDa

Observed band size : 51 kDa

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