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Datasheet for ABIN1099864 anti-AGBL1 antibody (AA 748-761)

Overview

Quantity:	100 µg
Target:	AGBL1
Binding Specificity:	AA 748-761
Reactivity:	Human, Mouse, Bat, Horse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This AGBL1 antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Synthetic peptide C-RPYQVITARVHPGE from an internal region of human AGBL1 (NP_689549.2). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Mouse, Bat, Panda, Horse (100%), Hamster, Guinea pig (93%). Type of Immunogen: Synthetic peptide
Specificity:	Human AGBL1.
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Mouse, Bat, Panda, Horse (100%) Hamster, Guinea pig (93%).
Purification:	Immunoaffinity purified

Target Details

Target:	AGBL1
Alternative Name:	AGBL1 (AGBL1 Products)
Background:	Name/Gene ID: AGBL1 Synonyms: AGBL1, ATP/GTP-binding protein-like 1, ATP/GTP binding protein-like 1, CCP4, Cytosolic carboxypeptidase 4
Gene ID:	123624
NCBI Accession:	NP_689549
UniProt:	Q96MI9

Application Details

Application Notes:	Approved: Peptide-ELISA (1:64000) Usage: Peptide ELISA: antibody detection limit dilution 1:64000. Western blot: Preliminary experiments gave bands at approx 100kD and 24kD in HeLa lysates after 0.3 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 120kD according to NP_689549.2. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands).
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Tris-buffered saline, pH 7.3, 0.5 % BSA, 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.

Handling

Storage: -20 °C

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