

Datasheet for ABIN2790049
anti-GGCT antibody (C-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	GGCT
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Rabbit, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GGCT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	ESAPPSPQYK KIICMGAKEN GLPLEYQEKL KAIEPNDYTG KVSEEIEDII
Predicted Reactivity:	Cow: 92%, Dog: 86%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Rabbit: 86%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against GGCT. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	GGCT
Alternative Name:	GGCT (GGCT Products)
Background:	The protein encoded by this gene catalyzes the formation of 5-oxoproline from gamma-glutamyl dipeptides, the penultimate step in glutathione catabolism, and may play a critical role

Target Details

in glutathione homeostasis. The encoded protein may also play a role in cell proliferation, and the expression of this gene is a potential marker for cancer. Pseudogenes of this gene are located on the long arm of chromosome 5 and the short arm of chromosomes 2 and 20. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Alias Symbols: C7orf24, CRF21, FLJ11717, GCTG, Ggc, MGC3077, GGC

Protein Interaction Partner: HECW2, UBC, APP,

Protein Size: 188

Molecular Weight: 21 kDa

Gene ID: 79017

NCBI Accession: [NM_024051](#), [NP_076956](#)

UniProt: [O75223](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 188 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

