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GGCT Rabbit pAb

Catalog # AP97390

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	O75223
Other Accession	O75223
Predicted	Rat, Pig, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21008
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GGCT
Epitope Specificity	51-150/188
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the gamma-glutamylcyclotransferase family.
SUBUNIT	Homodimer (Probable).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Catalyzes the formation of 5-oxoproline from gamma-glutamyl dipeptides and may play a significant role in glutathione homeostasis. Induces release of cytochrome c from mitochondria with resultant induction of apoptosis.

Additional Information

Gene ID	79017
Other Names	C7orf24; CRF21; GCTG; GGC; GGCT_HUMAN; GGCT; Cytochrome c-releasing factor 21; 4.3.2.9; gamma-glutamylcyclotransferase; chromosome 7 open reading frame 24
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	GGCT (HGNC:21705)
Synonyms	C7orf24, CRF21

Function	Catalyzes the formation of 5-oxoproline from gamma-glutamyl dipeptides and may play a significant role in glutathione homeostasis (PubMed:18515354). Induces release of cytochrome c from mitochondria with resultant induction of apoptosis (PubMed:16765912).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.