

CGI-43 Polyclonal Antibody

Cat #: ABP54235

Size: 30μl /100μl /200μl

Product Information

	Product Name: CGI-43 Polyclonal Antibody		
	Applications: WB, ELISA		Isotype: Rabbit IgG
	Reactivity: Human, Mouse, Monkey		
REF	Catalog Number: ABP54235	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: CCZ1, also known as CCZ1 vacuolar protein trafficking and biogenesis associated homolog (S. cerevisiae), CCZ1A, CCZ1B or CGI-43, is a 482 amino acid protein that localizes to the lysosomal membrane and belongs to the CCZ1 family. CCZ1 is encoded by a gene that maps to human chromosome 7, which houses over 1000 genes and comprises nearly 5% of the human genome. Chromosome 7 has been linked to Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome. The deletion of a portion of the q arm of chromosome 7 is associated with Williams-Beuren syndrome, a condition characterized by mild mental retardation, an unusual comfort and friendliness with strangers and an elfin appearance. Deletions of portions of the q arm of chromosome 7 are also seen in a number of myeloid disorders including cases of acute myelogenous leukemia and myelodysplasia.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:10000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

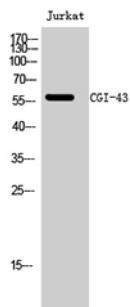


Fig. Western Blot analysis of Jurkat cells using CGI-43 Polyclonal Antibody diluted at 1:500.

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