



Mouse anti-Human LZTFL1 monoclonal antibody, clone 8G7 (CABT-B10602)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	LZTFL1 (NP_065080, 200 a.a. ~ 299 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	8G7
Conjugate	Unconjugated
Applications	WB, IHC, IF, sELISA, ELISA
Sequence Similarities	KDFIKAQDLSNLENTVAALKSEFQKTLNDKTENQKSLEENLATAKHDLRLVQEQLHMAEK ELEKKFQQTAAYRNMKEILTKKNDQIKDLRKRLAQYEPED
Format	Liquid
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a ubiquitously expressed protein that localizes to the cytoplasm. This protein interacts with Bardet-Biedl Syndrome (BBS) proteins and, through its interaction with BBS protein complexes, regulates protein trafficking to the ciliary membrane. Nonsense
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mutations in this gene cause a form of Bardet-Biedl Syndrome; a ciliopathy characterized in part by polydactyly, obesity, cognitive impairment, hypogonadism, and kidney failure. This gene may also function as a tumor suppressor; possibly by interacting with E-cadherin and the actin cytoskeleton and thereby regulating the transition of epithelial cells to mesenchymal cells. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Feb 2013]

Keywords	LZTFL1; leucine zipper transcription factor-like 1; BBS17; leucine zipper transcription factor-like protein 1;
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GENE INFORMATION

Entrez Gene ID	54585
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UniProt ID	Q9NQ48
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