



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

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|------------------------------|---------------------------------------------------------------------------------------------------------------------|
| 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 | KDFIKAQDLSNLENTVAALKSEFQKTLNDKTENQKSLEENLATAKHDLLRVQEQLHMAEK 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

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| 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 |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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;

GENE INFORMATION

Entrez Gene ID [54585](#)

UniProt ID [Q9NQ48](#)