

CAB39 Antibody

Mouse Monoclonal Antibody (Mab) Catalog # AM1874b

Product Information

Application WB, E Primary Accession Q9Y376

Reactivity Human, Mouse

Predicted Bovine
Host Mouse
Clonality Monoclonal
Isotype IgG1,K
Clone Names 198CT13.9.1
Calculated MW 39869

Additional Information

Gene ID 51719

Other Names Calcium-binding protein 39, MO25alpha, Protein Mo25, CAB39, MO25

Target/Specificity This CAB39 monoclonal antibody is generated from mouse immunized with

CAB39 recombinant protein.

Dilution WB~~1:100~500 E~~Use at an assay dependent concentration.

Format Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

This antibody is purified through a protein G column, followed by dialysis

against PBS.

Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions CAB39 Antibody is for research use only and not for use in diagnostic or

therapeutic procedures.

Protein Information

Name CAB39

Synonyms MO25

Function Component of a complex that binds and activates STK11/LKB1. In the

complex, required to stabilize the interaction between CAB39/MO25

(CAB39/MO25alpha or CAB39L/MO25beta) and STK11/LKB1.

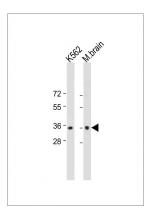
Background

Together with the STE20-related adaptor-alpha (STRAD alpha) pseudo kinase, forms a regulatory complex capable of stimulating the activity of STK11.

References

Zeqiraj, E., et al. Science 326(5960):1707-1711(2009) Zeqiraj, E., et al. PLoS Biol. 7 (6), E1000126 (2009): ten Klooster, J.P., et al. Dev. Cell 16(4):551-562(2009) Fogarty, S., et al. J. Biol. Chem. 284(1):77-84(2009) Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007):

Images



All lanes: Anti-CAB39 at 1:1000 dilution Lane 1: K562 whole cell lysate Lane 2: Mouse brain whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 40 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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