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CAB39 Antibody

Mouse Monoclonal Antibody (Mab)
Catalog # AM1874b

Product Information

Application	WB, E
Primary Accession	Q9Y376
Other Accession	Q29RI6, NP_001124321.1, NP_001124322.1
Reactivity	Human, Mouse
Predicted	Bovine, Rat, Canine, Rabbit, Chicken
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.

Cellular Location Cytoplasm.

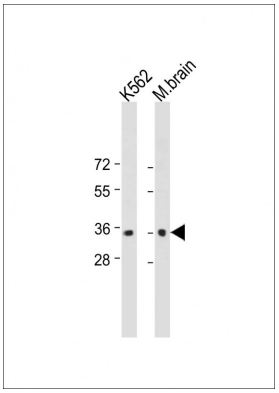
Background

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'.