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39-1055: Anti-alpha-Adaptin Monoclonal Antibody (Clone: 100/2)

Clonality :	Monoclonal
Clone Name :	100/2
Application :	WB
Reactivity :	Human
Gene :	Ap2a1
Gene ID :	308578
Uniprot ID :	D3ZUY8
Alternative Name :	Adaptor protein complex AP-2, alpha 1 subunit (Predicted) ; Protein Ap2a1 ; Ap2a1 ; Ap2a1_predicted ; rCG_54084
Isotype :	Mouse IgG2a
Immunogen Information :	AP-2 adaptor polypeptides from bovine brain.

Description

Alpha Adaptin, also known as adaptor related protein complex, alpha 1 subunit. The alpha adaptins are exclusively found in the endocytic coated vesicles. Huntingtin-interacting protein 1(HIP1) is enriched in membrane-containing cell fractions and has been implicated in vesicle trafficking. Waelter et al.(2001) identified 3 HIP1-associated proteins, clathrin heavy chain(CLTC)and alpha-adaptin A and C. Coat proteins of approximately 100-kD(adaptins) are components of the adaptor complexes which link clathrin to receptors in coated vesicles. The alpha-adaptins separate into two bands on SDS gels.

Product Info

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Storage condition :	At -20˚C for one year. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : 2-4ÃÂ¼g/ml

For Research Use Only. Not for use in diagnostic/therapeutics procedures.