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MON1A (aa478-489) Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3113a

Specification

MON1A (aa478-489) Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	Q86VX9
Other Accession	NP_115731.2, NP_001135973.1, 84315, 72825 (mouse), 315999 (rat)
Reactivity	**Human, Mouse, Rat**
Predicted	**Dog, Cow**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**72895**

MON1A (aa478-489) Antibody (internal region) - Additional Information

Gene ID 84315

Other Names
Vacuolar fusion protein MON1 homolog A, MON1A, SAND1

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
MON1A (aa478-489) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

MON1A (aa478-489) Antibody (internal region) - Protein Information

Name MON1A

Synonyms SAND1

Function
Plays an important role in membrane trafficking through the secretory apparatus. Not involved in endocytic trafficking to lysosomes (By similarity). Acts in concert with CCZ1, as a guanine exchange factor (GEF) for RAB7, promotes the exchange of GDP to GTP, converting it from an inactive GDP-bound form into an active GTP-bound form (PubMed:<a

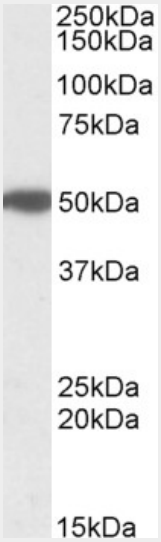
href="http://www.uniprot.org/citations/23084991" target="_blank">23084991).

MON1A (aa478-489) Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MON1A (aa478-489) Antibody (internal region) - Images



AF3113a (1 µg/ml) staining of Human Pancreas lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

MON1A (aa478-489) Antibody (internal region) - Background

This antibody is expected to recognize isoforms a and b (NP_115731.2; NP_001135973.1). Amino acid numbering in name refers to sequence NP_115731.2.

MON1A (aa478-489) Antibody (internal region) - References

A protein-protein interaction network for human inherited ataxias and disorders of Purkinje cell degeneration. Lim J, Hao T, Shaw C, Patel AJ, Szabó G, Rual JF, Fisk CJ, Li N, Smolyar A, Hill DE, Barabási AL, Vidal M, Zoghbi HY. Cell 2006 May 125 (4): 801-14. PMID: 16713569