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# ACBD3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant ACBD3.
Catalog # AT1021a

## Product Information

| | |
|---|---|
| **Application** | WB, IHC, IF, E |
| **Primary Accession** | Q9H3P7 |
| **Other Accession** | NM_022735 |
| **Reactivity** | Human, Mouse, Rat |
| **Host** | Mouse |
| **Clonality** | monoclonal |
| **Isotype** | IgG1 Kappa |
| **Clone Names** | 2G2 |
| **Calculated MW** | 60593 |

## Additional Information

| | |
|---|---|
| **Gene ID** | 64746 |
| **Other Names** | Golgi resident protein GCP60, Acyl-CoA-binding domain-containing protein 3, Golgi complex-associated protein 1, GOCAP1, Golgi phosphoprotein 1, GOLPH1, PBR- and PKA-associated protein 7, Peripheral benzodiazepine receptor-associated protein PAP7, ACBD3, GCP60, GOCAP1, GOLPH1 |
| **Target/Specificity** | ACBD3 (NP_073572, 73 a.a. ~ 171 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| **Dilution** | WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 E~~N/A |
| **Format** | Clear, colorless solution in phosphate buffered saline, pH 7.2 . |
| **Storage** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |
| **Precautions** | ACBD3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures. |

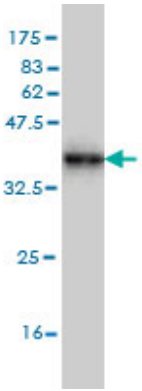
## Background

The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. The protein encoded by this gene is involved in the maintenance of Golgi structure and function through its interaction with the integral membrane protein giantin. It may also be involved in the hormonal regulation of steroid formation.

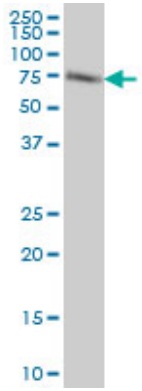
## References

1.Searching for Cellular Partners of Hantaviral Nonstructural Protein NSs: Y2H Screening of Mouse cDNA Library and Analysis of Cellular Interactome.Ronnberg T, Jaaskelainen K, Blot G, Parviainen V, Vaheri A, Renkonen R, Bouloy M, Plyusnin A.PLoS One. 2012;7(4):e34307. Epub 2012 Apr 10.

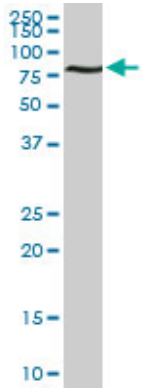
## Images



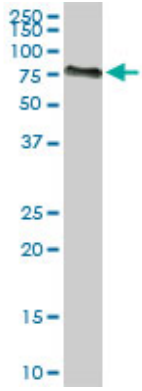

Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .




ACBD3 monoclonal antibody (M01), clone 2G2 Western Blot analysis of ACBD3 expression in HeLa ( (Cat # AT1021a )

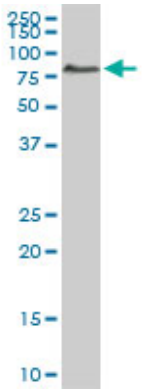



ACBD3 monoclonal antibody (M01), clone 2G2. Western Blot analysis of ACBD3 expression in PC-12 ( (Cat # AT1021a )

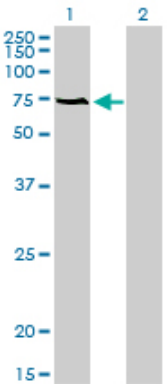



ACBD3 monoclonal antibody (M01), clone 2G2. Western Blot analysis of ACBD3 expression in Raw 264.7 ( (Cat # AT1021a )

ACBD3 monoclonal antibody (M01), clone 2G2. Western

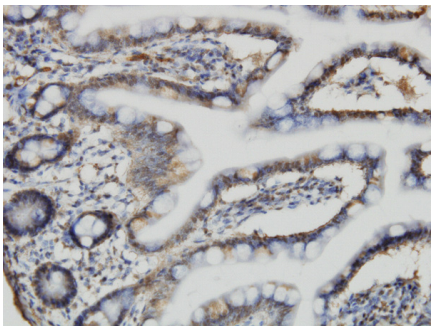



Blot analysis of ACBD3 expression in NIH/3T3 ( (Cat # AT1021a )

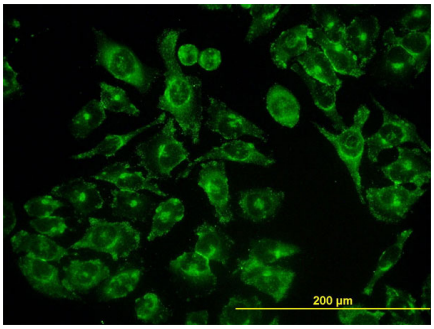



Western Blot analysis of ACBD3 expression in transfected 293T cell line by ACBD3 monoclonal antibody (M01), clone 2G2.

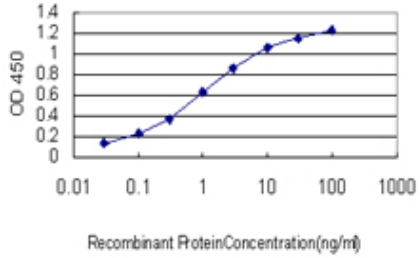
Lane 1: ACBD3 transfected lysate(60.6 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to ACBD3 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]




Immunofluorescence of monoclonal antibody to ACBD3 on HeLa cell. [antibody concentration 10 ug/ml]




Detection limit for recombinant GST tagged ACBD3 is approximately 0.1ng/ml as a capture antibody.

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