

## Product datasheet for **TA813069AM**

### **Diazepam Binding Inhibitor (DBI) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI4A8]**

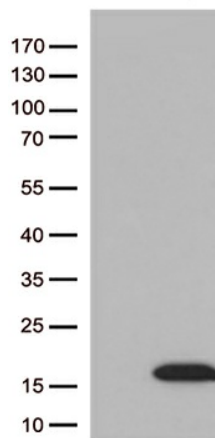
#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	OTI4A8
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 2-104 of human DBI (NP_065438) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	11.6 kDa
Gene Name:	diazepam binding inhibitor, acyl-CoA binding protein
Database Link:	<a href="#">NP_065438</a> <a href="#">Entrez Gene 1622 Human P07108</a>
Background:	Binds medium- and long-chain acyl-CoA esters with very high affinity and may function as an intracellular carrier of acyl-CoA esters. It is also able to displace diazepam from the benzodiazepine (BZD) recognition site located on the GABA type A receptor. It is therefore possible that this protein also acts as a neuropeptide to modulate the action of the GABA receptor. [UniProtKB/Swiss-Prot Function]



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**Synonyms:** ACBD1; ACBP; CCK-RP; EP  
**Protein Families:** Druggable Genome  
**Protein Pathways:** PPAR signaling pathway

**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY DBI ([RC208982], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-DBI (1:500).