

# IQGAP2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant IQGAP2. Catalog # AT2536a

### **Product Information**

**Application** WB, E **Primary Accession** Q13576 **Other Accession** NM 006633 Reactivity Human Host mouse Clonality monoclonal Isotype IgG2b Kappa **Clone Names** 1B10

#### **Additional Information**

**Calculated MW** 

**Gene ID** 10788

Other Names Ras GTPase-activating-like protein IQGAP2, IQGAP2

180578

Target/Specificity IQGAP2 (NP\_006624, 343 a.a. ~ 449 a.a) partial recombinant protein with GST

tag. MW of the GST tag alone is 26 KDa.

**Dilution** WB~~1:500~1000 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** IQGAP2 Antibody (monoclonal) (M01) is for research use only and not for use

in diagnostic or therapeutic procedures.

## **Background**

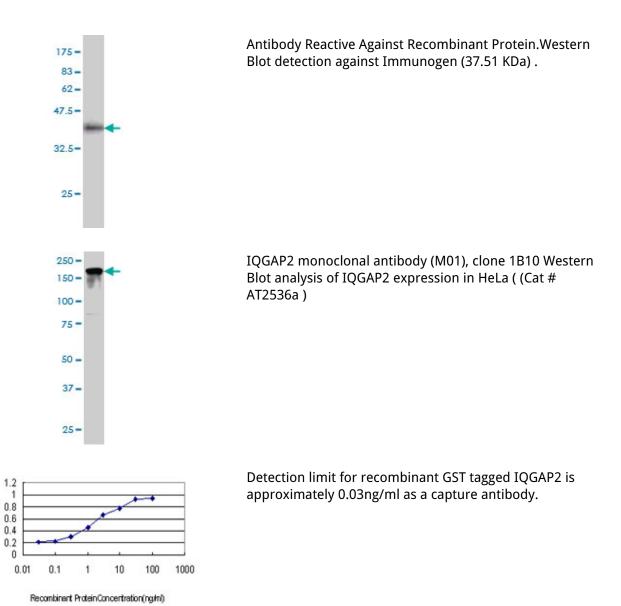
This gene encodes a member of the IQGAP family. The protein contains three IQ domains, one calponin homology domain, one Ras-GAP domain and one WW domain. It interacts with components of the cytoskeleton, with cell adhesion molecules, and with several signaling molecules to regulate cell morphology and motility.

### References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.Personalized smoking cessation: interactions between nicotine dose,

dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.A genome-wide association study for age-related hearing impairment in the Saami. Van Laer L, et al. Eur J Hum Genet, 2010 Jun. PMID 20068591.Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121.IQGAP2 inactivation through aberrant promoter methylation and promotion of invasion in gastric cancer cells. Jin SH, et al. Int J Cancer, 2008 Mar 1. PMID 17957782.

### **Images**



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