

PCQAP Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant PCQAP.

Catalog # AT3238a

Product Information

Application	WB, IF, E
Primary Accession	Q96RN5
Other Accession	NM_015889
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4A4
Calculated MW	86753

Additional Information

Gene ID	51586
Other Names	Mediator of RNA polymerase II transcription subunit 15, Activator-recruited cofactor 105 kDa component, ARC105, CTG repeat protein 7a, Mediator complex subunit 15, Positive cofactor 2 glutamine/Q-rich-associated protein, PC2 glutamine/Q-rich-associated protein, TPA-inducible gene 1 protein, TIG-1, Trinucleotide repeat-containing gene 7 protein, MED15, ARC105, CTG7A, PCQAP, TIG1, TNRC7
Target/Specificity	PCQAP (NP_056973, 1 a.a. ~ 88 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 kDa.
Dilution	WB~~1:500~1000 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	PCQAP Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

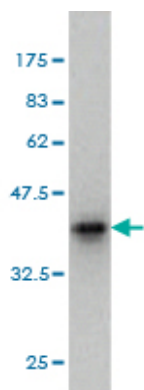
Background

The protein encoded by this gene is a subunit of the multiprotein complexes PC2 and ARC/DRIP and may function as a transcriptional coactivator in RNA polymerase II transcription. This gene contains stretches of trinucleotide repeats and is located in the chromosome 22 region which is deleted in DiGeorge syndrome. Two transcript variants encoding different isoforms have been found for this gene.

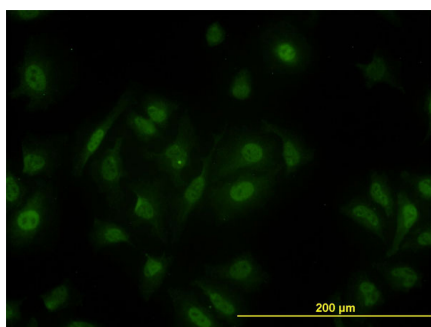
References

1. MED19 and MED26 are synergistic functional targets of the RE1 silencing transcription factor in epigenetic silencing of neuronal gene expression. Ding N, Tomomori-Sato C, Sato S, Conaway RC, Conaway JW, Boyer TG. *J Biol Chem*. 2009 Jan 30;284(5):2648-56. Epub 2008 Dec 2. 2. TAZ controls Smad nucleocytoplasmic shuttling and regulates human embryonic stem-cell self-renewal. Varelas X, Sakuma R, Samavarchi-Tehrani P, Peerani R, Rao BM, Dembowy J, Yaffe MB, Zandstra PW, Wrana JL. *Nat Cell Biol*. 2008 Jul;10(7):837-48. Epub 2008 Jun 22.

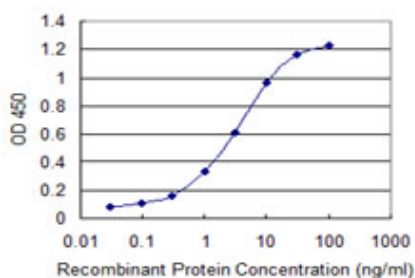
Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.42 KDa) .



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



Detection limit for recombinant GST tagged MED15 is 0.03 ng/ml as a capture antibody.

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