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# PKNOX1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant PKNOX1.
Catalog # AT3321a

## Product Information

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|---|---|
| **Application** | WB |
| **Primary Accession** | P55347 |
| **Other Accession** | NM_004571 |
| **Reactivity** | Human |
| **Host** | mouse |
| **Clonality** | monoclonal |
| **Isotype** | IgG2a Kappa |
| **Clone Names** | 4F6 |
| **Calculated MW** | 47607 |

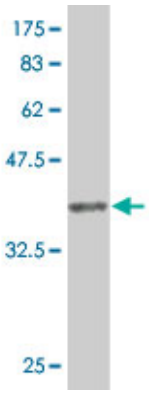
## Additional Information

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|---|---|
| **Gene ID** | 5316 |
| **Other Names** | Homeobox protein PKNOX1, Homeobox protein PREP-1, PBX/knotted homeobox 1, PKNOX1, PREP1 |
| **Target/Specificity** | PKNOX1 (NP_004562, 2 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| **Dilution** | WB~~1:500~1000 |
| **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** | PKNOX1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures. |

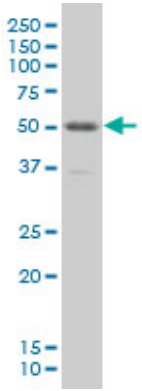
## References

Common genetic variation and performance on standardized cognitive tests. Cirulli ET, et al. Eur J Hum Genet, 2010 Jul. PMID 20125193.Prep1 (pKnox1)-deficiency leads to spontaneous tumor development in mice and accelerates EmuMyc lymphomagenesis: a tumor suppressor role for Prep1. Longobardi E, et al. Mol Oncol, 2010 Apr. PMID 20106730.Genome-wide association study of biochemical traits in Korcula Island, Croatia. Zemunik T, et al. Croat Med J, 2009 Feb. PMID 19260141.Interleukin-10 expression in macrophages during phagocytosis of apoptotic cells is mediated by homeodomain proteins Pbx1 and Prep-1. Chung EY, et al. Immunity, 2007 Dec. PMID 18093541.[Molecular cloning for an alternatively splicing cDNA of human PKNOX1 gene and it's expression analysis] Ni B, et al. Yi Chuan Xue Bao, 2004 Jan. PMID 15468914.

## Images




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




PKNOX1 monoclonal antibody (M01), clone 4F6 Western Blot analysis of PKNOX1 expression in IMR-32 ( (Cat # AT3321a )

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