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Datasheet for ABIN518937

anti-PKNOX1 antibody (AA 2-100)

3 Images

Overview

Quantity:	100 µg
Target:	PKNOX1
Binding Specificity:	AA 2-100
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PKNOX1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant PKNOX1.
Immunogen:	PKNOX1 (NP_004562, 2 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MATQTLSIDS YQDGQQMQVV TELKTEQDPN CSEPDAEGVS PPPVESQTPM DVDKQAIYRH PLFPLLALLF EKCEQSTQGS EGTTSASFDV DIENFVRKQ
Clone:	2A12
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	PKNOX1
Alternative Name:	PKNOX1 (PKNOX1 Products)
Background:	Full Gene Name: PBX/knotted 1 homeobox 1 Synonyms: PREP1,pkonx1c
Gene ID:	5316
NCBI Accession:	NM_004571

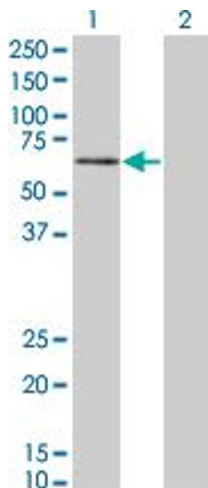
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images

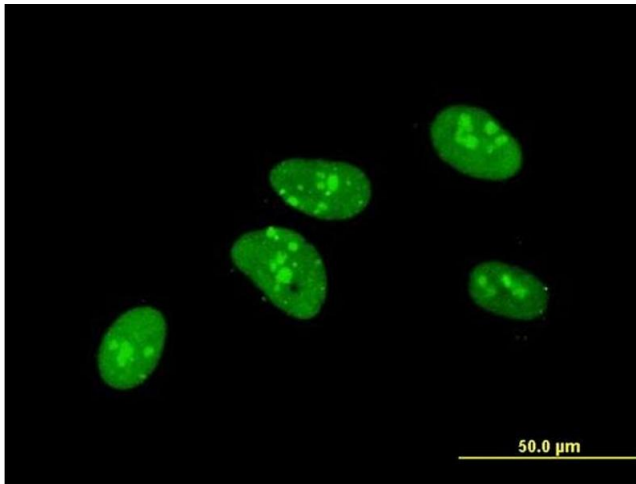


Western Blotting

Image 1. Western Blot analysis of PKNOX1 expression in transfected 293T cell line by PKNOX1 monoclonal antibody (M07), clone 2A12.

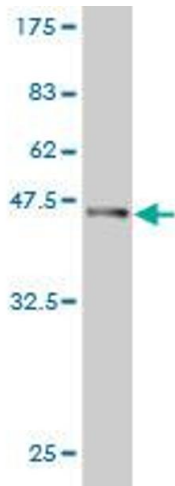
Lane 1: PKNOX1 transfected lysate(47.475 kDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Image 2. Immunofluorescence of monoclonal antibody to PKNOX1 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blotting

Image 3. Western Blot detection against Immunogen (36.63 kDa).