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Datasheet for ABIN654163

anti-MAF1 antibody (AA 90-117)

3 Images

1 Publication

Overview

Quantity:	400 µL
Target:	MAF1
Binding Specificity:	AA 90-117
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAF1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This MAF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 90-117 amino acids from the Central region of human MAF1.
Clone:	RB24238
Isotype:	Ig Fraction
Predicted Reactivity:	B, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MAF1
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Target Details

Alternative Name:	MAF1 (MAF1 Products)
Background:	This gene encodes a protein that is similar to Maf1, a <i>Saccharomyces cerevisiae</i> protein highly conserved in eukaryotic cells. Yeast Maf1 is a negative effector of RNA polymerase III (Pol III). It responds to changes in the cellular environment and represses pol III transcription. Biochemical studies identified the initiation factor TFIIIB as a target for Maf1-dependent repression.
Molecular Weight:	28771
Gene ID:	84232
NCBI Accession:	NP_115648
UniProt:	Q9H063

Application Details

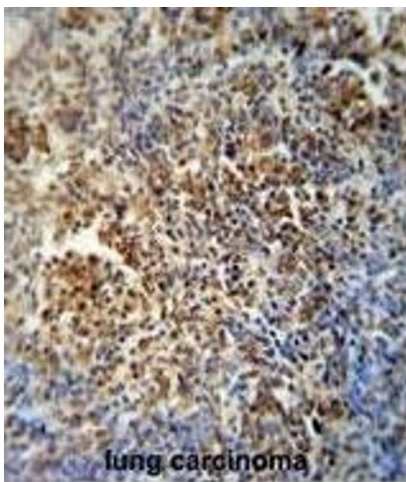
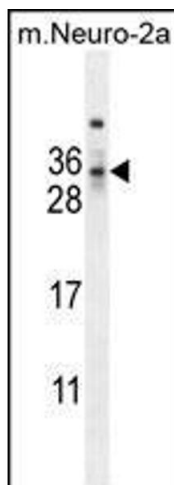
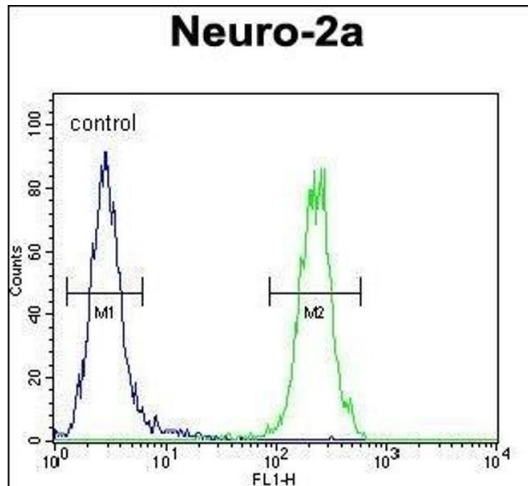
Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

Product cited in:	Tian, Ding, You, Li, Liu, Wu, Sun, Xu: "Leiomodrin-3-deficient mice display nemaline myopathy with fast-myofiber atrophy." in: Disease models & mechanisms , Vol. 8, Issue 6, pp. 635-41, (2015) (PubMed).
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Flow Cytometry

Image 1. F1 Antibody (Center) (ABIN654163 and ABIN2844027) flow cytometric analysis of Neuro-2a cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. F1 Antibody (Center) (ABIN654163 and ABIN2844027) western blot analysis in mouse Neuro-2a cell line lysates (35 µg/lane). This demonstrates the F1 antibody detected the F1 protein (arrow).

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. F1 antibody (Center) (ABIN654163 and ABIN2844027) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the F1 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.