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Code No. KK053

For research use only

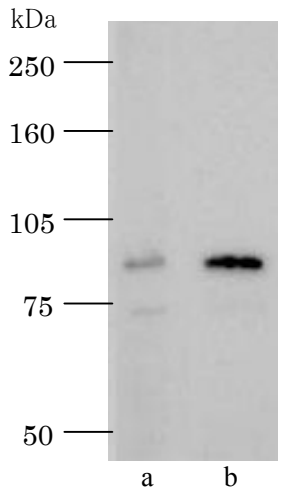
Anti MEF Polyclonal Antibody

The ETS transcription factor family plays a key role in cell growth and differentiation, especially in several malignant and genetic disorders. Recently, it has discovered that MEF（Myeloid ELF-1-like Factor）may compete with ETS-2 for binding to the ets-binding sites on the promoters of the MMP and IL8 which is involved in tumor malignancy.

So that, MEF is expected as a candidate of tumor suppressor. In addition, not like another tumor suppression factor such as p53, MEF is a novel tumor suppressor gene that is located on the X chromosome.

This antibody is very useful for analyzing the MEF expression level in the cell.

Package Size	10μg（100μL／vial）
Format	Rabbit polyclonal antibody、0.1mg/mL
Buffer	Block Ace as a stabilizer, containing 0.1% Proclin as a bacteriostat
Storage	Below –20℃ until needed.
Purification method	This antibody was purified from rabbit serum by affinity chromatography.
Working dilution	For western blotting ; 0.2～1.0 μg/mL



Western blotting

Sample (cell lysate): a Human normal cell (HEK293)

b MEF overexpression A549 cell

Preparation of antibodies and instruction

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【Reference】

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2. Suico MA, Koyanagi T, Ise S, Lu Z, Hisatsune A, Seki Y, Shuto T, Isohama Y, Miyata T, Kai H. :Functional dissection of the ETS transcription factor MEF. Biochim Biophys Acta. 2002 Aug 19;1577(1):113-20.
3. Hisatsune A, Uto A, Koyanagi T, Chihara T, Miyata T, Basbaum C, Kai H. : [Novel transcription factor MEF is associated with the function of lung epithelial cells] Nippon Yakurigaku Zasshi. 1999 Oct;114 Suppl 1:81P-85P. Japanese.
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Supplier

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