

Anti-REX-1 Antibody

Catalog # AP96128

Product Information

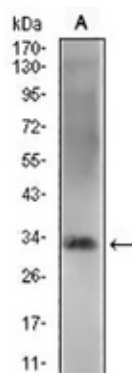
Application	WB, IHC, FC
Primary Accession	Q96MM3
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Calculated MW	34802

Additional Information

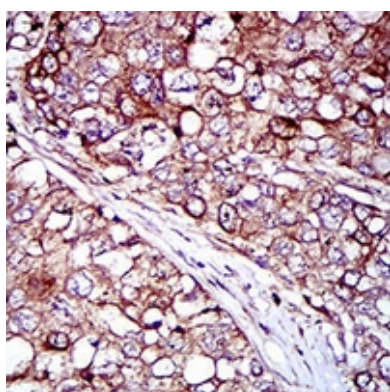
Gene ID	132625
Other Names	REX1; ZNF754; Zinc finger protein 42 homolog; Zfp-42; Reduced expression protein 1; REX-1; hREX-1; Zinc finger protein 754
Target/Specificity	Recombinant fusion protein of human REX-1 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

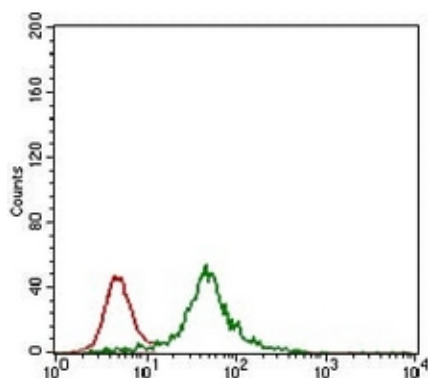
Name	ZFP42
Synonyms	REX1, ZNF754
Function	Involved in the reprogramming of X-chromosome inactivation during the acquisition of pluripotency. Required for efficient elongation of TSIX, a non-coding RNA antisense to XIST. Binds DXPas34 enhancer within the TSIX promoter. Involved in ES cell self-renewal (By similarity).
Cellular Location	Nucleus.
Tissue Location	Expressed in kidney, epidermal keratinocytes, prostate epithelial cells, bronchial and small airway lung epithelial cells (at protein level). Expressed in malignant kidney and several carcinoma cell lines (at protein level). Expressed in embryonic stem cells, kidney, epidermal keratinocytes, prostate epithelial cells, bronchial and small airway lung epithelial cells. Expressed in embryonal carcinomas, seminomas, malignant kidney and several carcinoma cell lines.



Western blot analysis of REX-1 expression in NIH/3T3 (A) whole cell lysates. (Predicted band size: 35 kD; Observed band size: 32 kD)



Immunohistochemical analysis of REX-1 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Flow cytometric analysis of HEK293 cells using Anti-REX-1 Antibody (green) and negative control (red).

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