

# [KO Validated] EDF1 Rabbit pAb

Catalog No.: A2283 **KO** Validated

## Basic Information

### Observed MW

16kDa

### Calculated MW

16kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a protein that may regulate endothelial cell differentiation, lipid metabolism, and hormone-induced cardiomyocyte hypertrophy. The encoded protein has also been found to act as a transcriptional coactivator by interconnecting the general transcription factor TATA element-binding protein (TBP) and gene-specific activators. Alternate splicing results in multiple transcript variants.

## Recommended Dilutions

|              |                |
|--------------|----------------|
| <b>WB</b>    | 1:500 - 1:2000 |
| <b>IHC-P</b> | 1:50 - 1:100   |

## Immunogen Information

|                |                   |
|----------------|-------------------|
| <b>Gene ID</b> | <b>Swiss Prot</b> |
| 8721           | O60869            |

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-148 of human EDF1 (NP\_003783.1).

### Synonyms

MBF1; EDF-1; CFAP280; F1

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

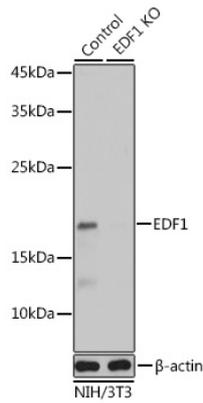
## Product Information

|               |                |                       |
|---------------|----------------|-----------------------|
| <b>Source</b> | <b>Isotype</b> | <b>Purification</b>   |
| Rabbit        | IgG            | Affinity purification |

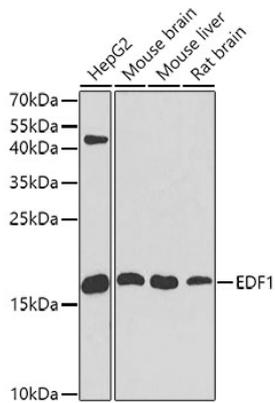
### Storage

Store at -20°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

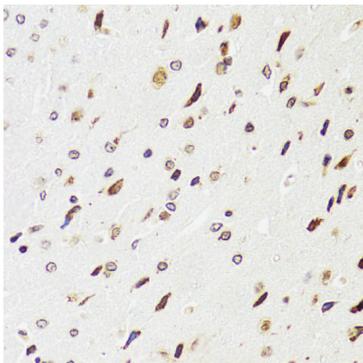
## Validation Data



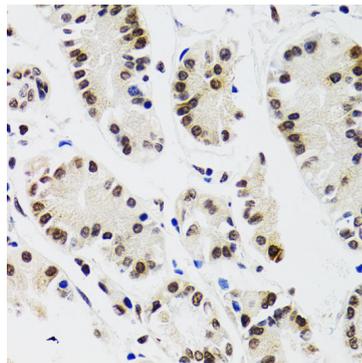
Western blot analysis of lysates from wild type (WT) and EDF1 knockout (KO) NIH/3T3 cells, using [KO Validated] EDF1 Rabbit pAb (A2283) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.



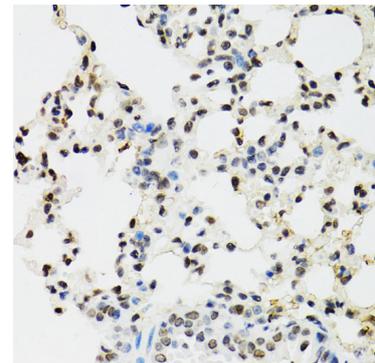
Western blot analysis of various lysates using [KO Validated] EDF1 Rabbit pAb (A2283) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.



Immunohistochemistry analysis of EDF1 in paraffin-embedded rat brain using [KO Validated] EDF1 Rabbit pAb (A2283) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of EDF1 in paraffin-embedded human gastric cancer using [KO Validated] EDF1 Rabbit pAb (A2283) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of EDF1 in paraffin-embedded mouse lung using [KO Validated] EDF1 Rabbit pAb (A2283) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.