

EDF1 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF4035a**Specification**

EDF1 Antibody (internal region) - Product Information

Application	IHC, WB
Primary Accession	O60869
Other Accession	NP_003783.1 , NP_694880.1 , 8721 , 59022 (mouse), 678956 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Pig
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	16369

EDF1 Antibody (internal region) - Additional Information**Gene ID** 8721**Other Names**

Endothelial differentiation-related factor 1, EDF-1, Multiprotein-bridging factor 1, MBF1, EDF1

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

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.

Precautions

EDF1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

EDF1 Antibody (internal region) - Protein Information**Name** EDF1**Function**

Transcriptional coactivator stimulating NR5A1 and ligand- dependent NR1H3/LXRA and PPARG transcriptional activities. Enhances the DNA-binding activity of ATF1, ATF2, CREB1 and NR5A1. Regulates nitric oxid synthase activity probably by sequestering calmodulin in the cytoplasm. May function in endothelial cells differentiation, hormone- induced cardiomyocytes hypertrophy and lipid metabolism.

Cellular Location

Cytoplasm. Nucleus. Note=Also nuclear upon binding to NR5A1 and treatment of cells with TPA or forskolin

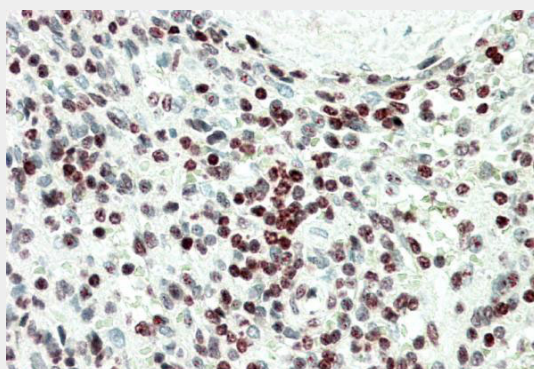
Tissue Location

Expressed in brain, liver, lung, kidney and heart (at protein level). Ubiquitously expressed. More abundant in heart, pancreas, liver, intestine and adipose tissues

EDF1 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

EDF1 Antibody (internal region) - Images

AF4035a (5 µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



AF4035a (0.3 µg/ml) staining of A549 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EDF1 Antibody (internal region) - Background

This antibody is expected to recognize both reported isoforms (NP_003783.1; NP_694880.1).

EDF1 Antibody (internal region) - References

Multiprotein bridging factor-1 (MBF-1) is a cofactor for nuclear receptors that regulate lipid metabolism. Brendel C, Gelman L, Auwerx J. Molecular endocrinology (Baltimore, Md.) 2002 Jun 16 (6): 1367-77. PMID: 12040021