10320 Camino Santa Fe, Suite G
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EDF1 / MBF1 Antibody (aa2-14)

Goat Polyclonal Antibody
Catalog # ALS13835

Specification

EDF1 / MBF1 Antibody (aa2-14) - Product Information

Application	**IHC**
Primary Accession	O60869
Reactivity	**Human, Mouse, Rat, Monkey, Pig, Chicken, Xenopus, Bovine, Dog**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**16kDa KDa**

EDF1 / MBF1 Antibody (aa2-14) - Additional Information

Gene ID 8721

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

Target/Specificity
Human EDF1.

Reconstitution & Storage
Store at -20°C. Minimize freezing and thawing.

Precautions
EDF1 / MBF1 Antibody (aa2-14) is for research use only and not for use in diagnostic or therapeutic procedures.

EDF1 / MBF1 Antibody (aa2-14) - 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

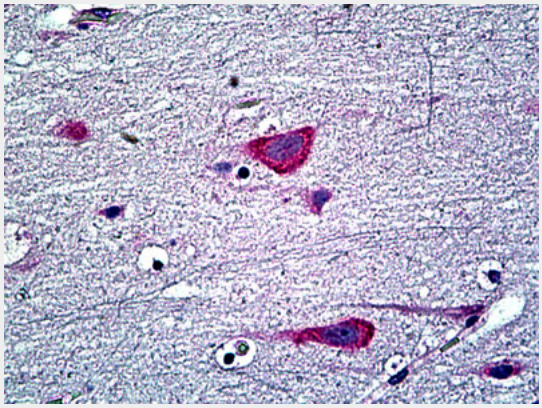
abundant in heart, pancreas, liver, intestine and adipose tissues

EDF1 / MBF1 Antibody (aa2-14) - Protocols

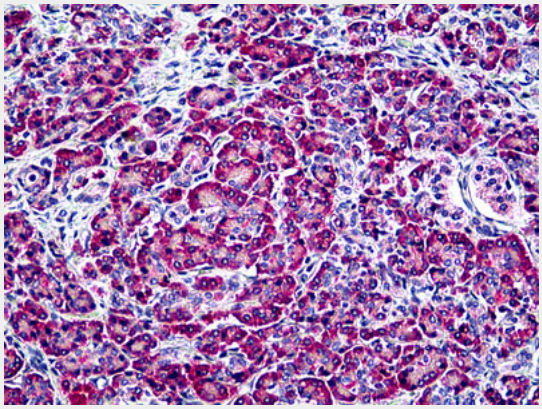
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

EDF1 / MBF1 Antibody (aa2-14) - Images



Anti-EDF1 antibody IHC of human brain, cortex.



Anti-EDF1 antibody IHC of human pancreas.

EDF1 / MBF1 Antibody (aa2-14) - Background

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.

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Humphray S.J.,et al.Nature 429:369-374(2004).