

MTDH Rabbit pAb

Catalog No.: A5887 **2 Publications**

Basic Information

Observed MW

75kDa/80kDa

Calculated MW

64kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

Enables NF-kappaB binding activity; double-stranded RNA binding activity; and transcription coactivator activity. Involved in several processes, including lipopolysaccharide-mediated signaling pathway; positive regulation of intracellular signal transduction; and regulation of transcription, DNA-templated. Located in endoplasmic reticulum; nuclear lumen; and perinuclear region of cytoplasm. Implicated in hepatocellular carcinoma.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

92140

Swiss Prot

Q86UE4

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human MTDH (NP_848927.2).

Synonyms

3D3; AEG1; AEG-1; LYRIC; LYRIC/3D3; MTDH

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

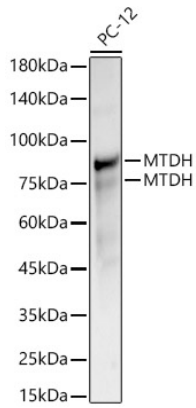
Affinity purification

Storage

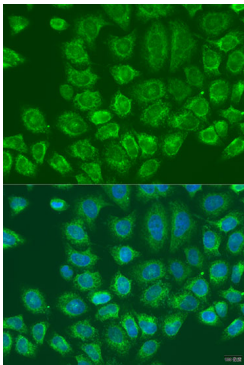
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

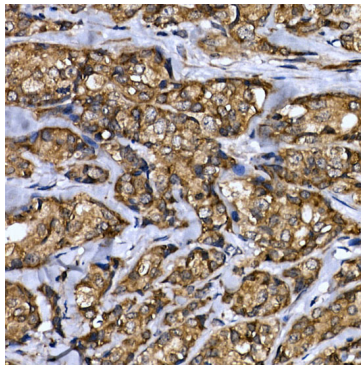
Validation Data



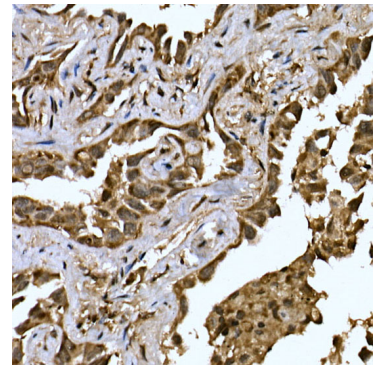
Western blot analysis of lysates from PC-12 cells, using MTDH Rabbit pAb (A5887) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 7s.



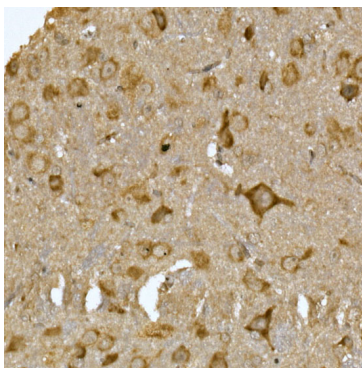
Immunofluorescence analysis of U2OS cells using MTDH Rabbit pAb (A5887) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



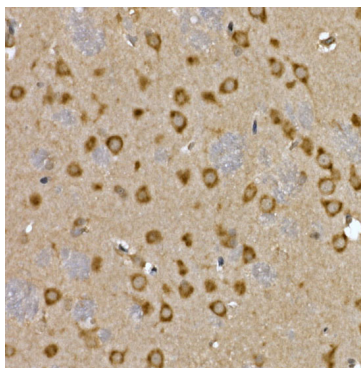
Immunohistochemistry analysis of paraffin-embedded Human breast cancer using MTDH Rabbit pAb (A5887) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using MTDH Rabbit pAb (A5887) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Mouse spinal cord using MTDH Rabbit pAb (A5887) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Rat brain using MTDH Rabbit pAb (A5887) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.