

UFM1 polyclonal antibody

Catalog: BS76503

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

UFM1 is a ubiquitin-like protein that is conjugated to target proteins by E1-like activating enzyme UBA5 (UBE1DC1; MIM 610552) and E2-like conjugating enzyme UFC1 (MIM 610554) in a manner analogous to ubiquitylation (see UBE2M; MIM 603173) (Komatsu et al., 2004 [PubMed 15071506]).

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

9KDa

Swiss-Prot:

P61960

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

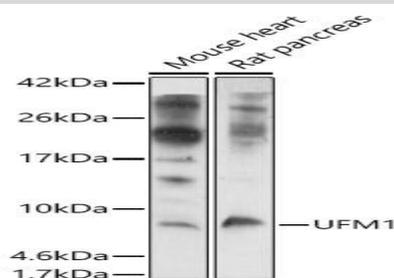
WB, 1:500 - 1:2000 | IHC, 1:50 - 1:200 | IF/ICC, 1:50 - 1:200

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

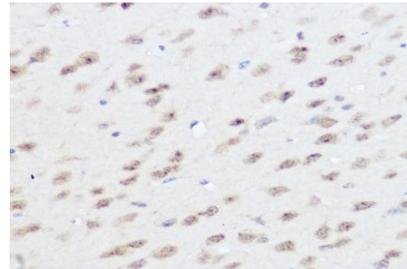
Modification:

Unmodification

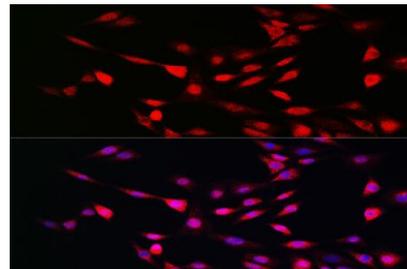
DATA:

Western blot analysis of extracts of various cell lines, using UFM1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat An-

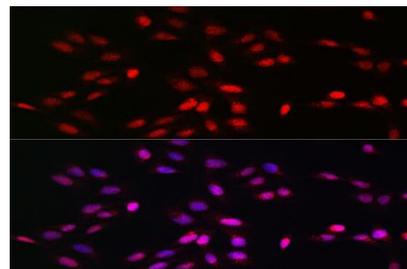
ti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Immunohistochemistry of paraffin-embedded mouse brain using UFM1 Rabbit pAb at dilution of 1:300. Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of NIH/3T3 cells using UFM1 Rabbit pAb at dilution of 1:150. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using UFM1 Rabbit pAb at dilution of 1:150. Blue: DAPI for nuclear staining.

Note:

For research use only, not for use in diagnostic procedure.

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