

ZBTB7A/FBI-1/LRF Rabbit mAb

Catalog No.: A19785 **Recombinant**

Basic Information

Observed MW

70kDa

Calculated MW

61kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

Cross-Reactivity

Human

CloneNo number

ARC2320

Background

Enables several functions, including SMAD binding activity; androgen receptor binding activity; and transcription corepressor binding activity. Involved in several processes, including erythrocyte maturation; negative regulation of signal transduction; and regulation of nucleobase-containing compound metabolic process. Located in cytoplasm and nucleus. Colocalizes with DNA-dependent protein kinase complex and NuRD complex.

Recommended Dilutions

WB	1:1000 - 1:3000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

51341

Swiss Prot

O95365

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 450-550 of human ZBTB7A/FBI-1/LRF (O95365).

Synonyms

LRF; FBI1; FBI-1; TIP21; ZBTB7; MNDLFH; ZNF857A; pokemon; ZBTB7A/FBI-1/LRF

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

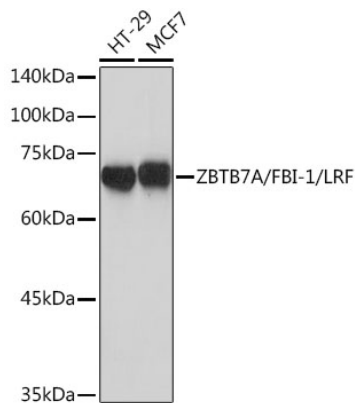
Affinity purification

Storage

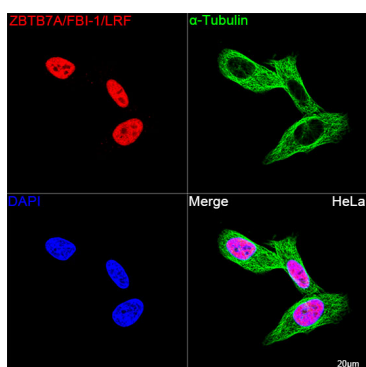
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

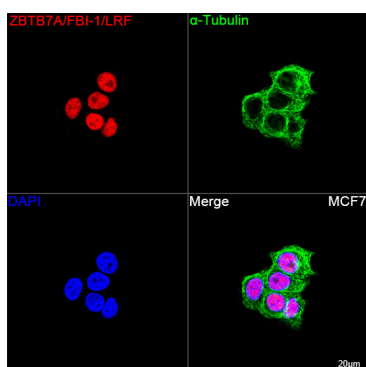
Validation Data



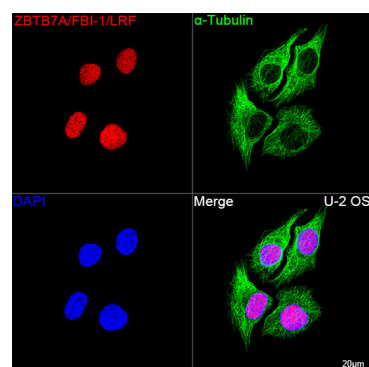
Western blot analysis of various lysates using ZBTB7A/FBI-1/LRF Rabbit mAb (A19785) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



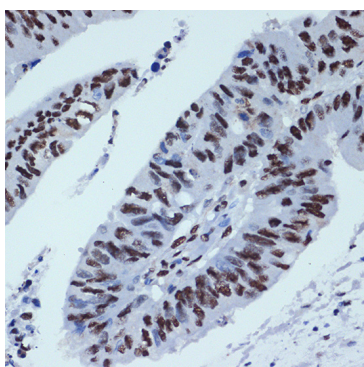
Confocal imaging of HeLa cells using ZBTB7A/FBI-1/LRF Rabbit mAb (A19785, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of MCF7 cells using ZBTB7A/FBI-1/LRF Rabbit mAb (A19785, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of U-2 OS cells using ZBTB7A/FBI-1/LRF Rabbit mAb (A19785, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using ZBTB7A/FBI-1/LRF Rabbit mAb (A19785) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.