

Anti-C3orf38 Antibody [JE64-28]

HA722360



Product Type:	Recombinant Rabbit monoclonal IgG, primary antibodies
Species reactivity:	Human, Monkey
Applications:	WB, IF-Cell
Molecular Wt:	Predicted band size: 38 kDa
Clone number:	JE64-28

Description: Chromosome 3 open reading frame 38 (C3orf38) is a protein which in humans is encoded by the C3orf38 gene. The C3orf38 protein is 329 amino acids in length. A large domain of unknown function, DUF4518, encompasses majority of the C3orf38 protein. This domain is a part of the protein family pfam15008, which is thought to be involved in apoptosis regulation. This pfam15008 is the only member of the cl20886 superfamily. While the C3orf38 protein does not have any abnormal amino acid abundance as a whole, the DUF4518 has a high abundance of histidines and a low abundance of serines, according to compositional analysis.

Immunogen: Recombinant protein within Human C3orf38 aa 1-200 / 329.

Positive control: U-2 OS cell lysate, U-87 MG cell lysate, COS-1 cell lysate, U-2 OS.

Subcellular location: Nucleus.

Database links: SwissProt: Q5JPI3 Human

Recommended Dilutions:

WB	1:1,000
IF-Cell	1:50

Storage Buffer: 1*TBS (pH7.4), 0.05% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.

Storage Instruction: Shipped at 4°C. Store at +4°C short term (1-2 weeks). It is recommended to aliquot into single-use upon delivery. Store at -20°C long term.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

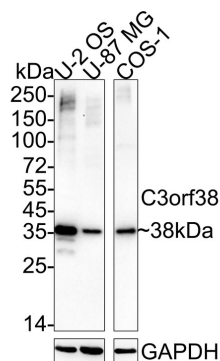
Service mail:support@huabio.cn

 华安生物
HUABIO
www.huabio.cn

Images

Fig1: Western blot analysis of C3orf38 on different lysates with Rabbit anti-C3orf38 antibody (HA722360) at 1/1,000 dilution.

Lane 1: U-2 OS cell lysate
Lane 2: U-87 MG cell lysate
Lane 3: COS-1 cell lysate



Lysates/proteins at 20 µg/Lane.

Predicted band size: 38 kDa

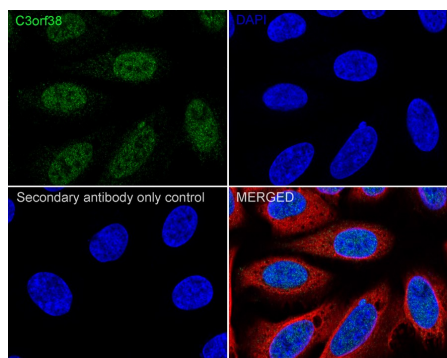
Observed band size: 38 kDa

Exposure time: 3 minutes; ECL: K1801;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (HA722360) at 1/1,000 dilution was used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1/50,000 dilution was used for 1 hour at room temperature.

Fig2: Immunocytochemistry analysis of U-2 OS cells labeling C3orf38 with Rabbit anti-C3orf38 antibody (HA722360) at 1/50 dilution.



Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-C3orf38 antibody (HA722360) at 1/50 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488, HA1121) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (M1305-2, red) was stained at 1/100 dilution overnight at +4°C. Goat Anti-Mouse IgG H&L (iFluor™ 594, HA1126) was used as the secondary antibody at 1/1,000 dilution.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

华安生物
HUABIO
www.huabio.cn