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Research Use Only. Not for diagnostic or therapeutic use.

EB06061 - Goat Anti-EMI2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: FBXO43, EMI2, F-box protein 43, Fbx43, early mitotic inhibitor 2,

ERP1

Official Symbol: FBXO43

Accession Number(s): NP_001025031.2

Human GenelD(s): 286151

Non-Human GenelD(s): 78803 (mouse), 315034 (rat)

Immunogen

Peptide with sequence C-PGSAQSKRNLKRL, from the C Terminus of the protein sequence according to NP_001025031.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 80kDa band observed in Mouse Ovary lysates (calculated MW of 78.4kDa according to NP_001025031.2). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Human, Rat and Pig Testis, and Human Ovary for this particular batch.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow

Specific References

This antibody (previous batch) has been successfully used in Western blot on Mouse:

Pasternak M, Pfender S, Santhanam B, Schuh M

The BTG4 and CAF1 complex prevents the spontaneous activation of eggs by deadenylating mater mRNAs.

Open Biol. 2016 Sep;6(9)

PMID: 27605379

This antibody (previous batch) has been successfully used in Western blot on Mouse:

Bernhardt ML, Kong BY, Kim AM, O'Halloran TV, Woodruff TK.

A zinc-dependent mechanism regulates meiotic progression in mammalian oocytes.

Biol Reprod. 2012 Apr 19;86(4):114.

PMID: 22302686

This antibody (previous batch) has been successfully used in Western blot, Immunocytochemistry and Flow Cytometry on Rat:

Perrard MH, Chassaing E, Montillet G, Sabido O, Durand P.

Cytostatic Factor Proteins Are Present in Male Meiotic Cells and β -Nerve Growth Factor Increases Mos Levels in Rat Late Spermatocytes.

PLoS One. 2009 Oct 5;4(10):e7237.

PMID: 19802389

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa

> 25kDa 20kDa

15kDa

EB06061 (0.3 μ g/ml) staining of Mouse Ovary lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.