

Product datasheet for **AP51634PU-N**

Emi1 (FBXO5) (Center) Rabbit Polyclonal Antibody

Product data:

| | |
|-----------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | ELISA: 1/1000. Western Blot: 1/100-1/500. |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | Ig |
| Clonality: | Polyclonal |
| Immunogen: | KLH conjugated synthetic peptide between 191-221 amino acids from the Central region of Human FBXO5. |
| Specificity: | This antibody recognizes Human FBXO5 (Center). |
| Formulation: | PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction |
| Concentration: | lot specific |
| Purification: | Affinity Chromatography on Protein A |
| Conjugation: | Unconjugated |
| Storage: | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | F-box protein 5 |
| Database Link: | Entrez Gene 26271 Human Q9UKT4 |



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Background:

This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class. This protein is similar to xenopus early mitotic inhibitor-1 (Emi1), which is a mitotic regulator that interacts with Cdc20 and inhibits the anaphase promoting complex. Alternatively spliced transcript variants encoding different isoforms have been identified.

Synonyms:

F-box only protein 5, EMI1, FBX5

Note:

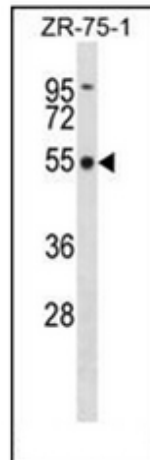
Molecular Weight: 50146 Da

Protein Families:

Druggable Genome

Protein Pathways:

Oocyte meiosis

Product images:

Western blot analysis of FBXO5 Antibody (Center) in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the FBXO5 antibody detected the FBXO5 protein (arrow).