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# FAM83G Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15820

## Product Information

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|---|---|
| **Application** | WB |
| **Primary Accession** | A6ND36 |
| **Other Accession** | NM_001039999, NP_001035088 |
| **Reactivity** | Human, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine |
| **Predicted** | Human, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 90835 |

## Additional Information

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|---|---|
| **Gene ID** | 644815 |
| **Other Names** | Protein FAM83G, Protein associated with SMAD1, FAM83G, PAWS1 {ECO:0000303\|PubMed:24554596} |
| **Format** | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. |
| **Reconstitution & Storage** | Add 50 ul of distilled water. Final anti-FAM83G antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles. |
| **Precautions** | FAM83G Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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|---|---|
| **Name** | SACK1G ( HGNC:32554) |
| **Function** | Substrate for type I BMP receptor kinase involved in regulation of some target genes of the BMP signaling pathway. Also regulates the expression of several non-BMP target genes, suggesting a role in other signaling pathways. |
| **Cellular Location** | Cytoplasm, cytosol. Nucleus Note=Detected predominantly in the cytosol. Upon BMP stimulation, a small portion localizes the nucleus. |

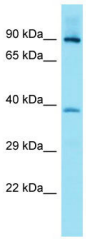
## Background

May regulate the bone morphogenetic proteins (BMP) pathway.

## References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zody M.C.,et al.Nature 440:1045-1049(2006).
Beausoleil S.A.,et al.Nat. Biotechnol. 24:1285-1292(2006).
Cantin G.T.,et al.J. Proteome Res. 7:1346-1351(2008).
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).

## Images




Host: Rabbit
Target Name: FAM83G
Sample Tissue: Fetal Heart lysates
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.