

# FAM83G Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15820

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">A6ND36</a>
<b>Other Accession</b>	<a href="#">NM_001039999</a> , <a href="#">NP_001035088</a>
<b>Reactivity</b>	Human, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
<b>Predicted</b>	Human, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	90835

## Additional Information

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<b>Gene ID</b>	644815
<b>Other Names</b>	Protein FAM83G, Protein associated with SMAD1, FAM83G, PAWS1 {ECO:0000303   PubMed:24554596}
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	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.
<b>Precautions</b>	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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<b>Name</b>	FAM83G
<b>Synonyms</b>	PAWS1 {ECO:0000303   PubMed:24554596}
<b>Function</b>	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.
<b>Cellular Location</b>	Cytoplasm, cytosol. Nucleus Note=Detected predominantly in the cytosol. Upon BMP stimulation, a small portion localizes the nucleus.

## Background

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May regulate the bone morphogenetic proteins (BMP) pathway.

## References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).

Zody M.C.,et al.Nature 440:1045-1049(2006).

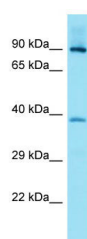
Beausoleil S.A.,et al.Nat. Biotechnol. 24:1285-1292(2006).

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

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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'.