

Anti-ADAM2 Antibody

Catalog Number: PA2069

About ADAM2

ADAM2 (A Disintegrin and Metalloproteinase Domain 2), also known as FTNB or PH30, is an enzyme that in humans is encoded by the ADAM2 gene. This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. This member is a subunit of an integral sperm membrane glycoprotein called fertilin, which plays an important role in sperm-egg interactions. Burkin et al. (1997) used fluorescence in situ hybridization to map the FTNB gene to 8p11.2.

Overview

| Product Name | Anti-ADAM2 Antibody |
|----------------------|---|
| Reactive Species | Human |
| Description | Boster Bio Anti-ADAM2 Antibody catalog # PA2069. Tested in WB applications. This antibody reacts with Human. |
| Application | WB |
| Clonality | Polyclonal |
| Formulation | Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. |
| Storage Instructions | Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | Q99965 |

Technical Details

| Immunogen | A synthetic peptide corresponding to a sequence at the C-terminus of human ADAM2. |
|-------------------------------|---|
| Predicted Reactive Species | Chicken |
| Recommended Detection Systems | Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot. |
| Cross Reactivity | No cross-reactivity with other proteins |
| Isotype | Rabbit IgG |
| Form | Lyophilized |
| | |



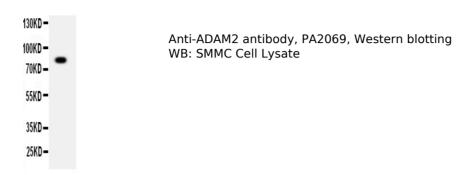


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| Concentration | Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. |
|---------------------|---|
| Purification | Immunogen affinity purified. |
| Suggested Dilutions | Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Western blot, 0.1-0.5ug/ml, Human |



Anti-ADAM2 Antibody (PA2069) Images



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