

# Anti-ADAM23 Antibody

Catalog # AP51714

## Product Information

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|                   |                           |
|-------------------|---------------------------|
| Application       | WB                        |
| Primary Accession | <a href="#">O75077</a>    |
| Reactivity        | Human, Mouse, Rat, Bovine |
| Host              | Rabbit                    |
| Clonality         | Polyclonal                |
| Calculated MW     | 91926                     |

## Additional Information

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|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | 8745                                                                                                                                                        |
| Other Names        | MDC3; Disintegrin and metalloproteinase domain-containing protein 23; ADAM 23; Metalloproteinase-like, disintegrin-like, and cysteine-rich protein 3; MDC-3 |
| Target/Specificity | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human ADAM23. The exact sequence is proprietary.                       |
| Dilution           | WB~~WB (1/500 - 1/1000)                                                                                                                                     |
| Format             | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                                   |
| Storage            | Store at -20 °C.Stable for 12 months from date of receipt                                                                                                   |

## Protein Information

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| Name              | ADAM23                                                                                                                                                                                             |
| Synonyms          | MDC3                                                                                                                                                                                               |
| Function          | May play a role in cell-cell and cell-matrix interactions. This is a non-catalytic metalloprotease-like protein.                                                                                   |
| Cellular Location | Cell membrane; Single-pass type I membrane protein                                                                                                                                                 |
| Tissue Location   | Highly expressed in the brain and weakly expressed in the heart. In the brain, expressed prominently in the amygdala, caudate nucleus, hypothalamus, thalamus, cerebral cortex and occipital pole. |

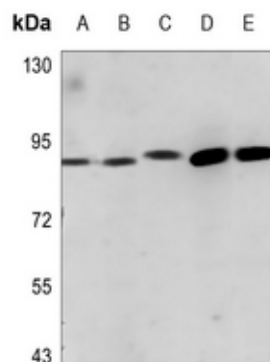
## References

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Sagane K.,et al.Biochem. J. 334:93-98(1998).  
Cal S.,et al.Mol. Biol. Cell 11:1457-1469(2000).  
Sun Y.P.,et al.Gene 325:171-178(2004).  
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

## Images

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Western blot analysis of ADAM23 expression in HEK293T (A), H1792 (B), SGC7901 (C), mouse heart (D), rat heart (E) whole cell lysates. (Predicted band size: 91 kD; Observed band size: 92 kD)

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