



[Go to Product page](#)

Datasheet for ABIN1715059  
**anti-ADAM17 antibody (pThr735)**

1 Image

Overview

Quantity:	100 µL
Target:	ADAM17
Binding Specificity:	pThr735
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAM17 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human ADAM17 around the phosphorylation site of Thr735
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Cow,Sheep,Pig
Purification:	Purified by Protein A.

## Target Details

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Target:	ADAM17
Alternative Name:	ADAM17 ( <a href="#">ADAM17 Products</a> )
Background:	<p>Synonyms: ADAM17 phospho T735, p-ADAM17 phospho T735, p-CD156bphospho T735, A disintegrin and metalloproteinase domain 17, ADAM 17, ADAM metalloproteinase domain 17, ADAM17 protein, CD 156b, CD156b, CD156b antigen, CSVP, MGC71942, Snake venom like protease, TACE, TNF alpha convertase, TNF alpha converting enzyme, Tumor Necrosis Factor Alpha Converting Enzyme, A disintegrin and metalloproteinase domain 17 tumor necrosis factor, alpha, converting enzyme.</p> <p>Background: 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 biologic processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The protein encoded by this gene functions as a tumor necrosis factor-alpha converting enzyme, binds mitotic arrest deficient 2 protein, and also plays a prominent role in the activation of the Notch signaling pathway. [provided by RefSeq].</p>
Gene ID:	6868
Pathways:	<a href="#">Notch Signaling</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Response to Growth Hormone Stimulus</a>

## Application Details

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Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

## Handling

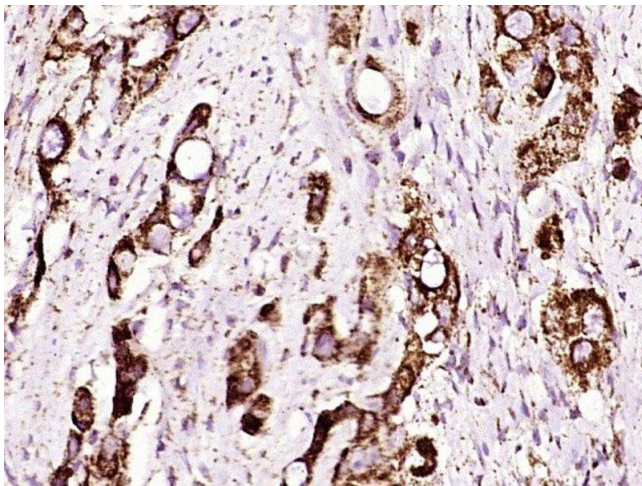
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Format:	Liquid
Concentration:	1 µg/µL

## Handling

Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Paraformaldehyde-fixed, paraffin embedded human gastric cancer, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with ADAM17 (Thr735) Polyclonal Antibody (bs-12477R) at 1:400 overnight at 4°C, followed by a conjugated secondary and DAB staining.