

## Product datasheet for **TA321964**

### ADAMTS18 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human breast cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 250 amino acids of human ADAM metalloproteinase with thrombospondin type 1 motif, 18
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ADAM metalloproteinase with thrombospondin type 1 motif 18
Database Link:	<a href="#">NP_955387</a> <a href="#">Entrez Gene 208936 Mouse</a> <a href="#">Entrez Gene 170692 Human</a> <a href="#">Q8TE60</a>



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**Background:**

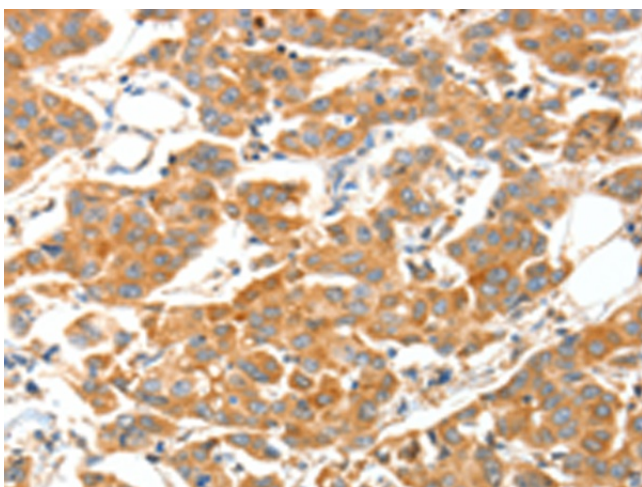
This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. ADAMTS family members share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The protein encoded by this gene has a high sequence similarity to the protein encoded by gene ADAMTS16, another family member. It is thought to function as a tumor suppressor. Alternatively spliced transcript variants have been identified, but their biological validity has not been determined.

**Synonyms:**

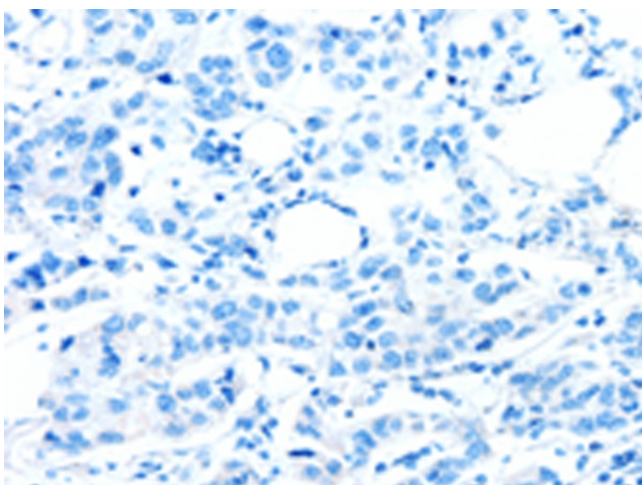
ADAMTS21; KNO2; MMCAT

**Protein Families:**

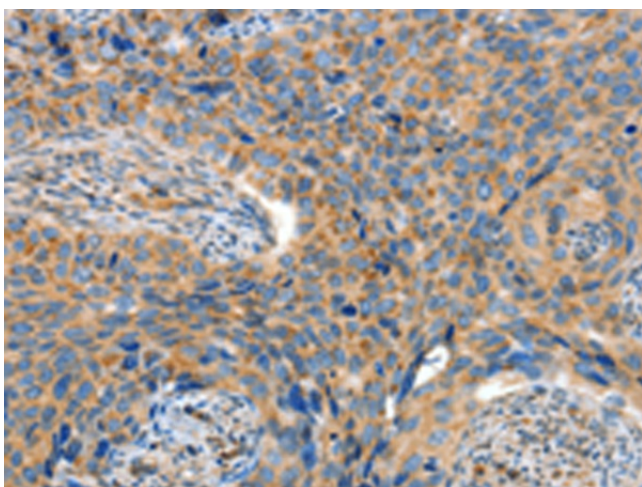
Protease, Secreted Protein

**Product images:**

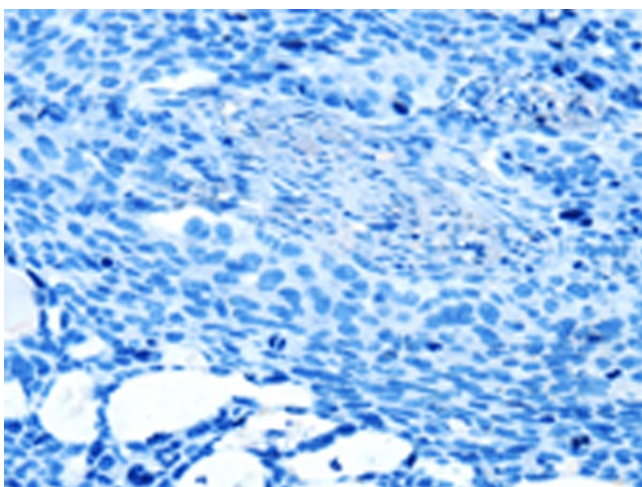
Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA321964 (ADAMTS18 Antibody) at dilution 1/30 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA321964 (ADAMTS18 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA321964 (ADAMTS18 Antibody) at dilution 1/30 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA321964 (ADAMTS18 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification:  $\times 200$ )