Product datasheet for TA321563

ADAM17 Rabbit Polyclonal Antibody

Product data:

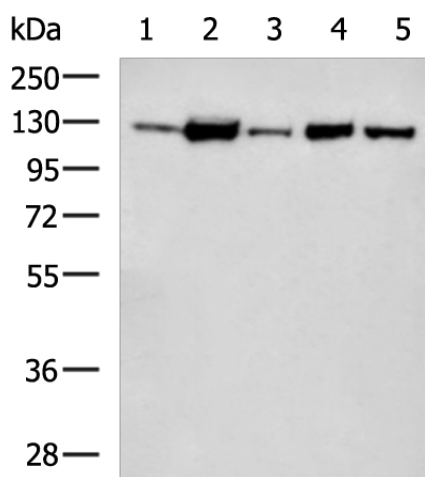|	
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Jurkat, Raji, Hela, K562, 293T cell lysates IHC: 50-200 Positive control: Human breast cancer Predicted cell location: Cytoplasm and Cell membrane
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	PBS pH7.3, 0.05% NaN3, 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 metallopeptidase domain 17
Database Link:	NP_003174 Entrez Gene 11491 Mouse Entrez Gene 57027 Rat Entrez Gene 6868 Human P78536

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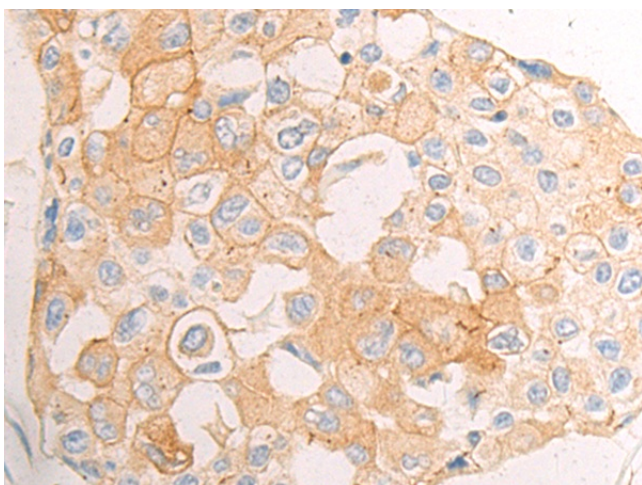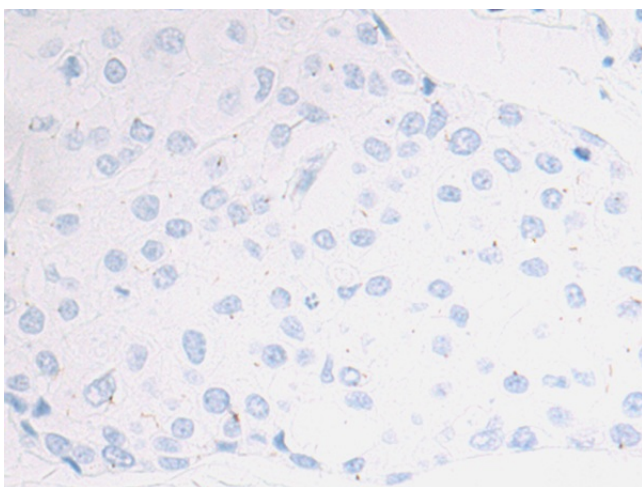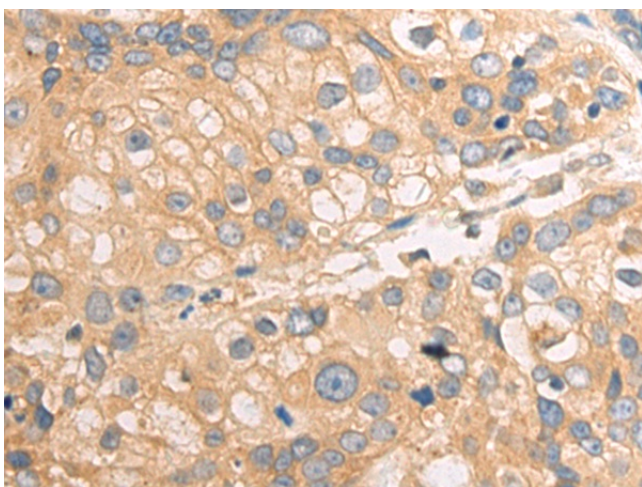|	
Background:	This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biologic processes involving cell-cell and cell-matrix 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.?
Synonyms:	ADAM18; CD156B; CSVP; NISBD; NISBD1; TACE
Protein Families:	Druggable Genome, Protease, Transmembrane
Protein Pathways:	Alzheimer's disease, Epithelial cell signaling in Helicobacter pylori infection, Notch signaling pathway

Product images:

Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane 1-5: Jurkat
Raji
Hela
K562
293T cell lysates
Primary antibody: TA321563 (ADAM17 Antibody) at dilution 1/550
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
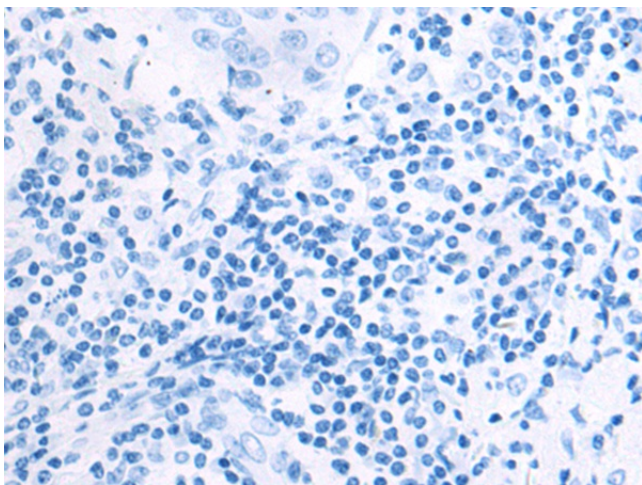Exposure time: 90 seconds

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA321563 (ADAM17 Antibody) at dilution 1/50 (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA321563 (ADAM17 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA321563 (ADAM17 Antibody) at dilution 1/50 (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA321563 (ADAM17 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: ×200)