

Product datasheet for **TA321904**

B7H4 (VTCN1) Rabbit Polyclonal Antibody

Product data:

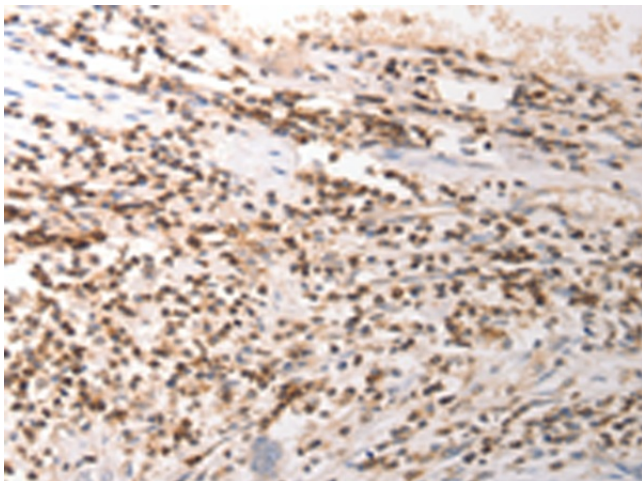
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human gastric cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 81-95 amino acids of human V-set domain containing T cell activation inhibitor 1
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 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:	V-set domain containing T cell activation inhibitor 1
Database Link:	NP_078902 Entrez Gene 242122 MouseEntrez Gene 295322 RatEntrez Gene 79679 Human Q7Z7D3
Background:	This gene encodes a protein belonging to the B7 costimulatory protein family. Proteins in this family are present on the surface of antigen-presenting cells and interact with ligand bound to receptors on the surface of T cells. Studies have shown that high levels of the encoded protein has been correlated with tumor progression. A pseudogene of this gene is located on chromosome 20. Multiple transcript variants encoding different isoforms have been found for this gene.
Synonyms:	B7-H4; B7h.5; B7H4; B7S1; B7X; PRO1291; VTCN1



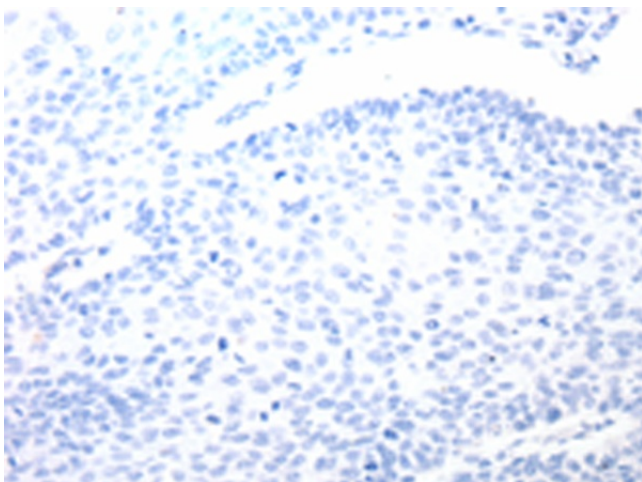
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Protein Families: Transmembrane

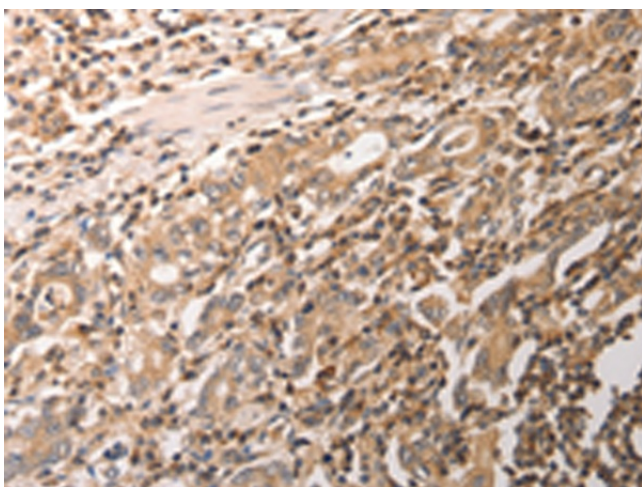
Product images:



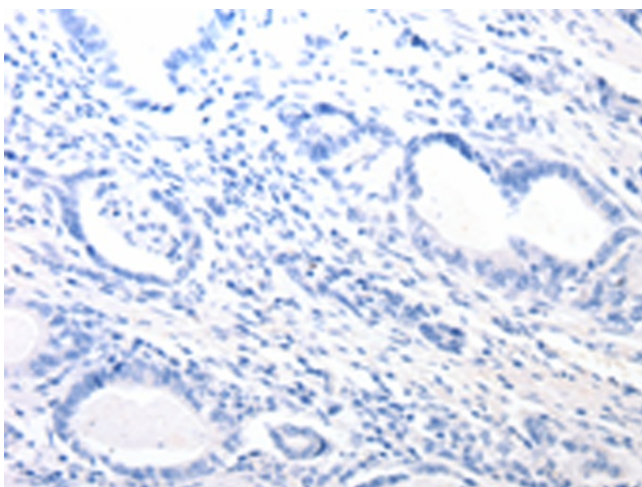
Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA321904 (VTCN1 Antibody) at dilution 1/25 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA321904 (VTCN1 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA321904 (VTCN1 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA321904 (VTCN1 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)