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Product datasheet for TA321971

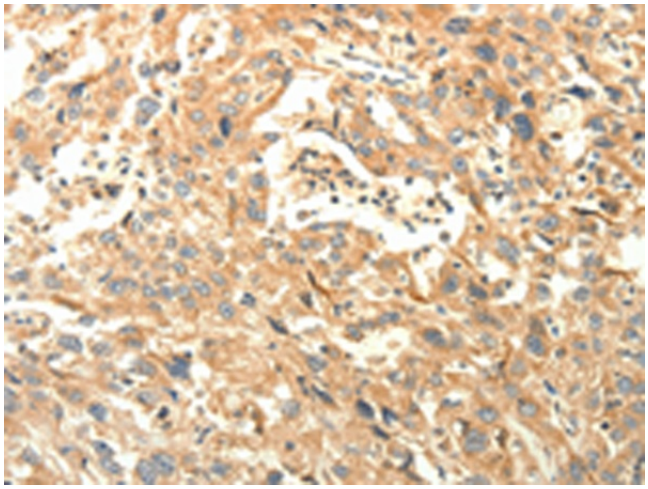
Agrin (AGRN) Rabbit Polyclonal Antibody

Product data:

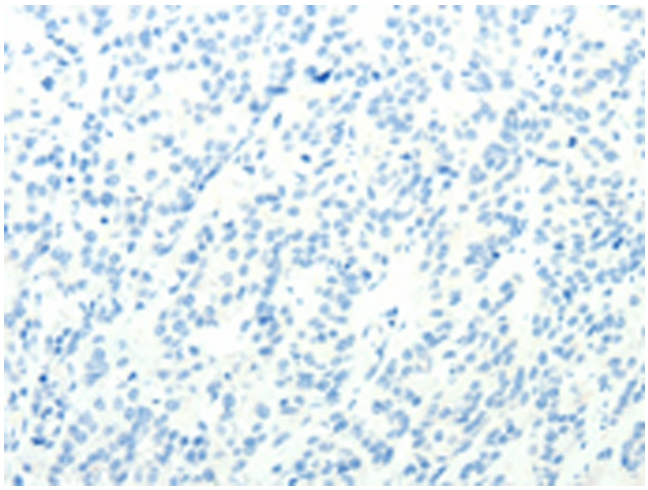
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 74-84 amino acids of human agrin
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:	agrin
Database Link:	NP_940978 Entrez Gene 375790 Human O00468
Background:	This gene encodes one of several proteins that are critical in the development of the neuromuscular junction (NMJ); as identified in mouse knock-out studies. The encoded protein contains several laminin G; Kazal type serine protease inhibitor; and epidermal growth factor domains. Additional post-translational modifications occur to add glycosaminoglycans and disulfide bonds. In one family with congenital myasthenic syndrome affecting limb-girdle muscles; a mutation in this gene was found.
Synonyms:	CMS8; CMSPPD
Protein Pathways:	ECM-receptor interaction

View online »

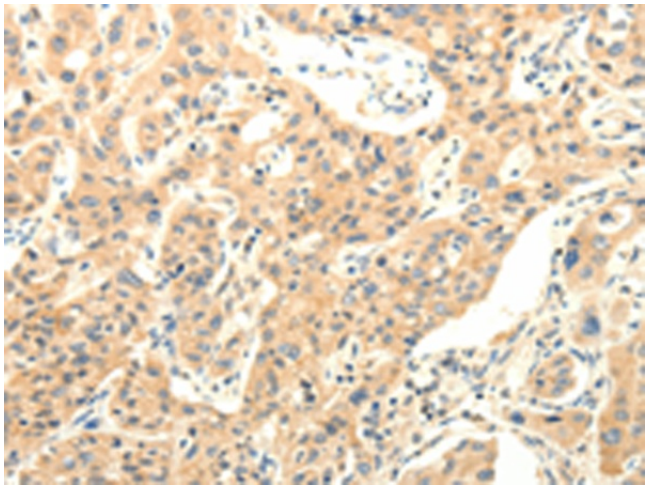
Product images:



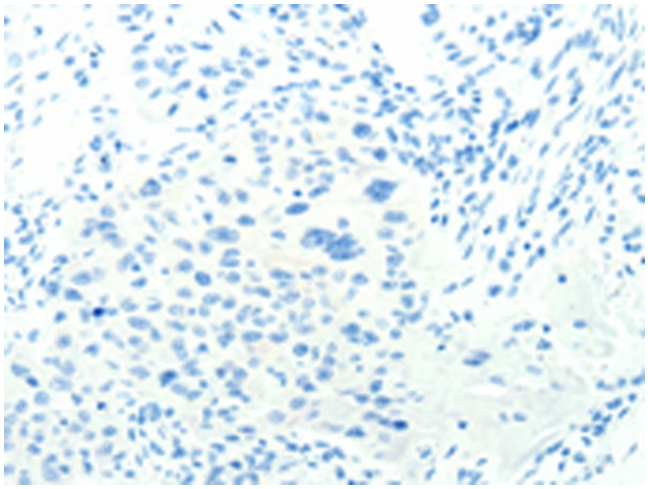
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA321971 (AGRN Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA321971 (AGRN Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA321971 (AGRN Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA321971 (AGRN Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: ×200)