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Product datasheet for TA321467S

Galectin 1 (LGALS1) Rabbit Polyclonal Antibody
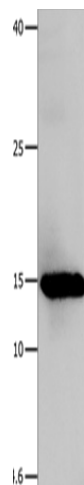
Product data:

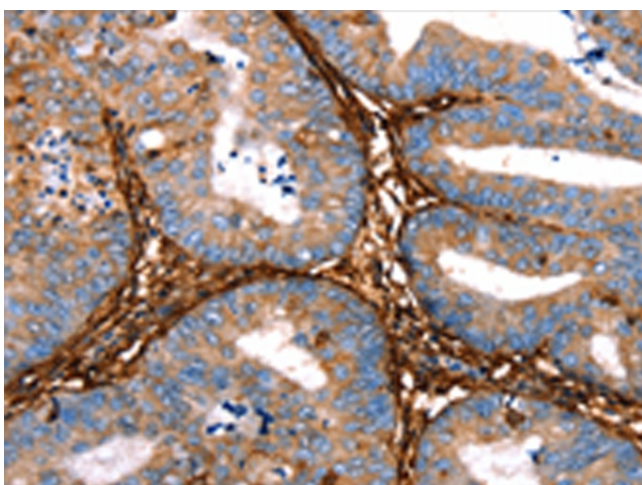|	
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human fetal muscle tissue IHC: 25-100 Positive control: Human cervical cancer Predicted cell location: Cytoplasm, Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	PBS pH7.3, 0.05% NaN3, 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	15 kDa
Gene Name:	galectin 1
Database Link:	NP_002296 Entrez Gene 16852 Mouse Entrez Gene 56646 Rat Entrez Gene 3956 Human P09382
Background:	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. This gene product may act as an autocrine negative growth factor that regulates cell proliferation. May regulate apoptosis; cell proliferation and cell differentiation. Binds beta-galactoside and a wide array of complex carbohydrates. Inhibits CD45 protein phosphatase activity and therefore the dephosphorylation of Lyn kinase.
Synonyms:	GAL1; GBP

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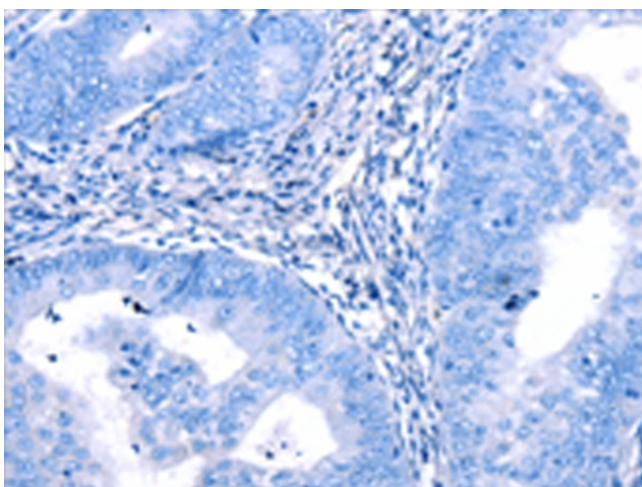
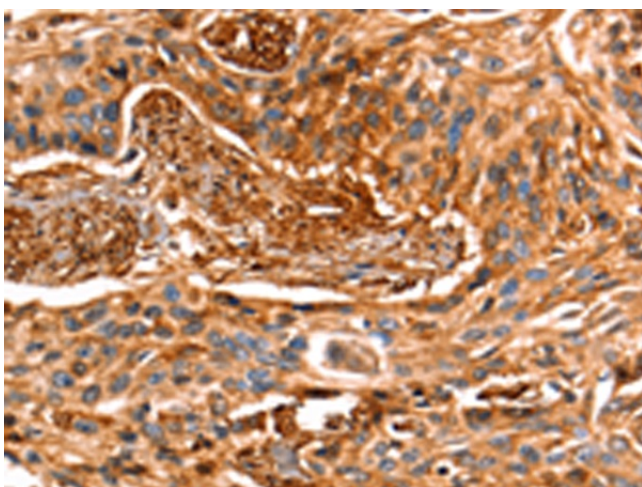**Protein Families:**   Druggable Genome

Product images:

Gel: 12+15%SDS-PAGE
Lysate: 40 μg
Lane: Human fetal muscle tissue
Primary antibody: [TA321467] (LGALS1 Antibody) at dilution 1/500
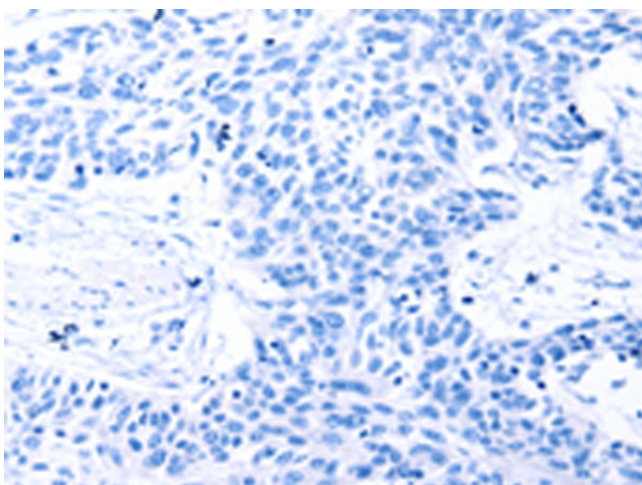Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 10 seconds

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA321467] (LGALS1 Antibody) at dilution 1/25 (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA321467] (LGALS1 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA321467] (LGALS1 Antibody) at dilution 1/25 (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA321467] (LGALS1 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)