

Product datasheet for **TA378010**

Galectin 8 (LGALS8) Rabbit Polyclonal Antibody

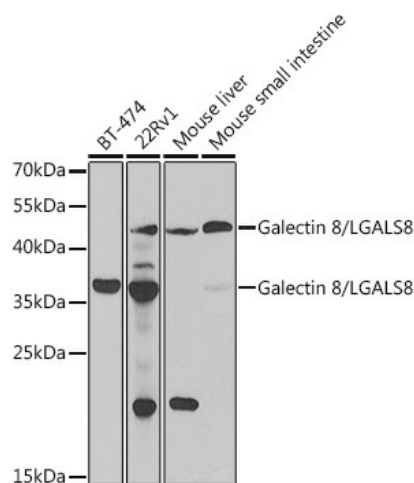
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB, 1:500 - 1:2000 IHC, 1:50 - 1:200 IF, 1:10 - 1:100
Reactivity:	Human, Mouse
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 20-317 of human Galectin 8/Galectin 8/LGALS8 (NP_963838.1).
Formulation:	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	35kDa/40kDa
Gene Name:	galectin 8
Database Link:	Entrez Gene 3964 Human O00214
Background:	This gene encodes a member of the galectin family. Galectins are beta-galactoside-binding animal lectins with conserved carbohydrate recognition domains. The galectins have been implicated in many essential functions including development, differentiation, cell-cell adhesion, cell-matrix interaction, growth regulation, apoptosis, and RNA splicing. This gene is widely expressed in tumoral tissues and seems to be involved in integrin-like cell interactions. Alternatively spliced transcript variants encoding different isoforms have been identified.

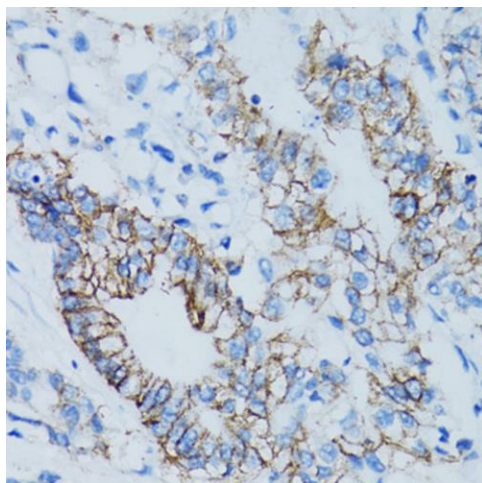

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Synonyms: Gal-8; galectin-8; galectin-8g; PCTA-1; PCTA1; Po66-CBP

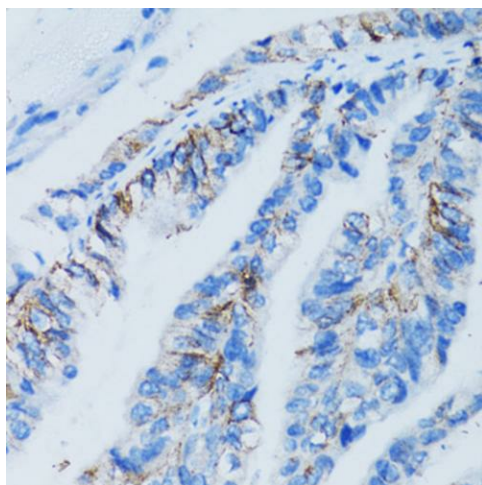
Product images:



Western blot analysis of extracts of various cell lines, using Galectin 8/Galectin 8/LGALS8 antibody (TA378010) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 90s.



Immunohistochemistry of paraffin-embedded human colon carcinoma using Galectin 8/Galectin 8/LGALS8 antibody (TA378010) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded human gastric cancer using Galectin 8/Galectin 8/LGALS8 antibody (TA378010) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.