Product datasheet for TA372343S

Regucalcin (RGN) Rabbit Polyclonal Antibody

Product data:

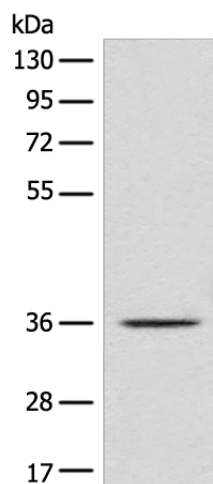|	
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000
	WB positive control: Human fetal liver tissue lysate
	IHC: 25-100
	Positive control: Human liver cancer
	Predicted cell location: Cytoplasm or Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human RGN
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	33 kDa
Gene Name:	regucalcin
Database Link:	Entrez Gene 9104 Human
	Q15493
Background:	The protein encoded by this gene is a highly conserved, calcium-binding protein, that is preferentially expressed in the liver and kidney. It may have an important role in calcium homeostasis. Studies in rat indicate that this protein may also play a role in aging, as it shows age-associated down-regulation. This gene is part of a gene cluster on chromosome Xp11.3-Xp11.23. Alternative splicing results in multiple transcript variants.
Synonyms:	OTTHUMP00000023196; RC; regucalcin; SMP-30; SMP30

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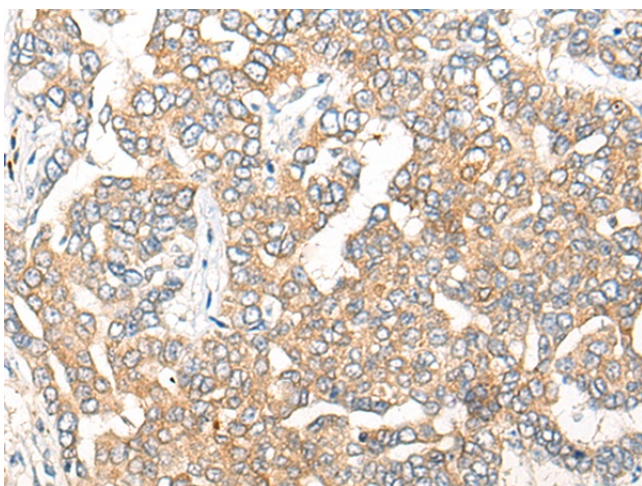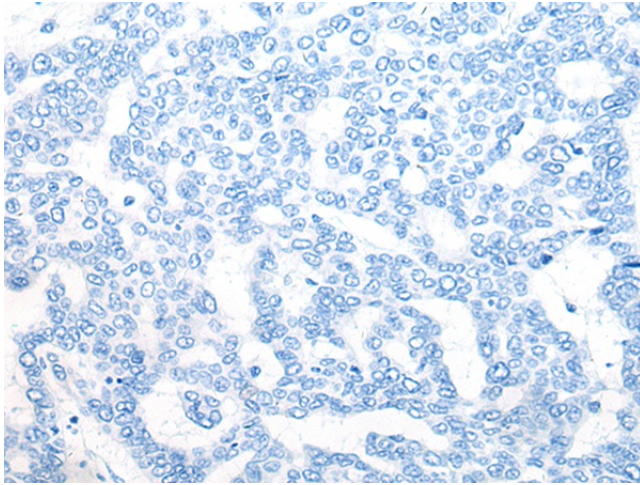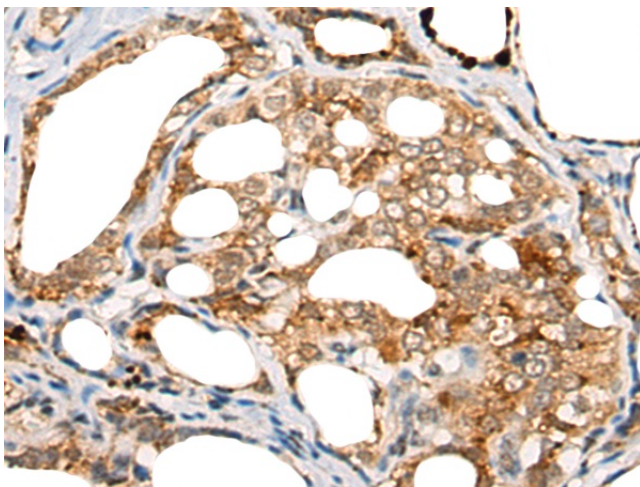ORIGENE

Product images:

Gel: 8%SDS-PAGE
Lysate: 40 μg
Lane: Human fetal liver tissue lysate
Primary antibody: [TA372343] (RGN Antibody) at dilution 1/450
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
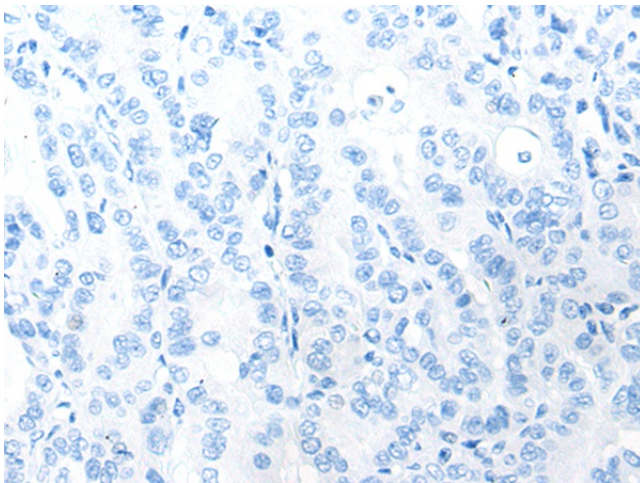Exposure time: 20 seconds

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA372343] (RGN Antibody) at dilution 1/25 (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA372343] (RGN Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA372343] (RGN Antibody) at dilution 1/25 (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA372343] (RGN Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)