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Product datasheet for TA368654S

Selenoprotein M (SELENOM) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human cervical cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human SELENOM
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	selenoprotein M
Database Link:	Entrez Gene 140606 Human Q8WWX9
Background:	The protein encoded by this gene belongs to the selenoprotein M/SEP15 family. The exact function of this protein is not known. It is localized in the perinuclear region, is highly expressed in the brain, and may be involved in neurodegenerative disorders. Transgenic mice with targeted deletion of this gene exhibit increased weight gain, suggesting a role for this gene in the regulation of body weight and energy metabolism. This protein is a selenoprotein, containing the rare amino acid selenocysteine (Sec). Sec is encoded by the UGA codon, which normally signals translation termination. The 3' UTRs of selenoprotein mRNAs contain a conserved stem-loop structure, designated the Sec insertion sequence (SECIS) element, that is necessary for the recognition of UGA as a Sec codon, rather than as a stop signal.

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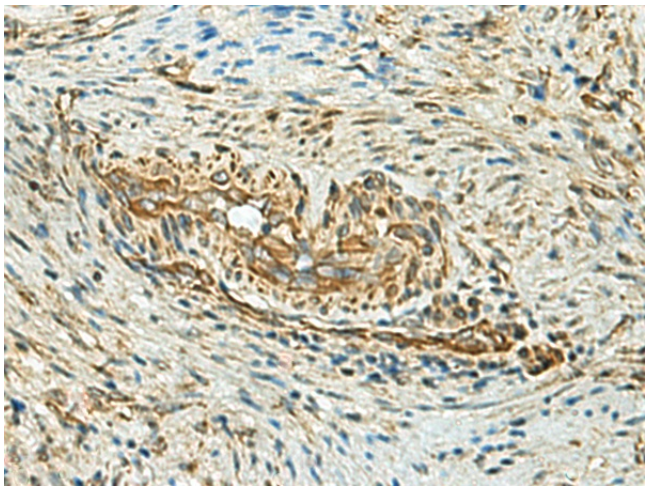
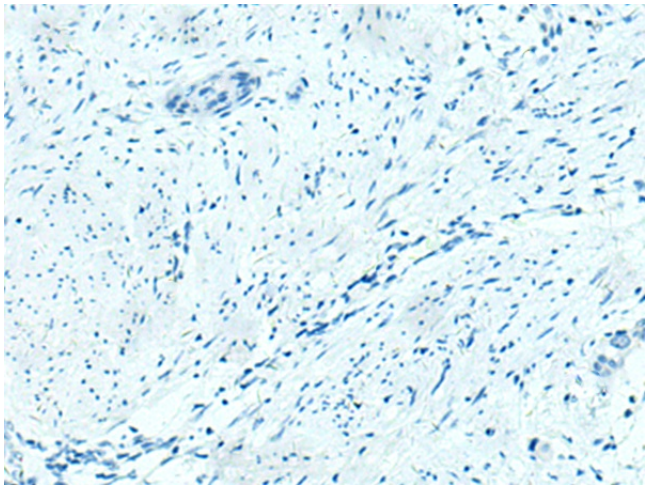
Synonyms: MGC40146; OTTHUMP00000199396; SEPM

Product images:



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA368654] (SELENOM Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA368654] (SELENOM Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)

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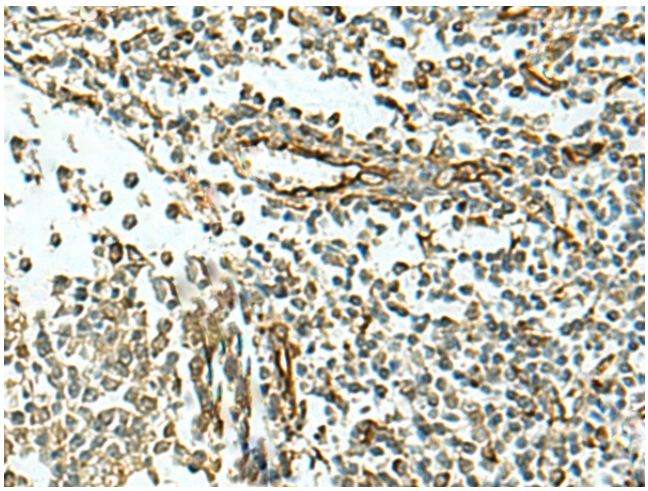
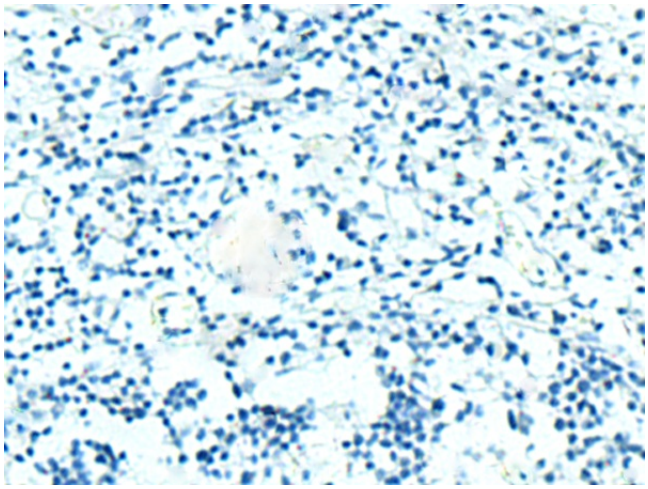


Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA368654] (SELENOM Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA368654] (SELENOM Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)

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