

Product datasheet for **TA364837S**

Placental lactogen (CSH1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human placenta and breast infiltrative duct tissue IHC: 50-200 Positive control: Human brain Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human CSH1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	25 kDa
Gene Name:	chorionic somatomammotropin hormone 1
Database Link:	Entrez Gene 1442 Human P0DML2



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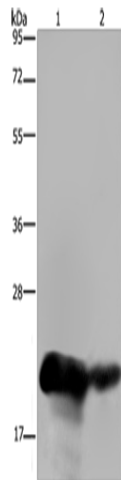
Background:

The protein encoded by this gene is a member of the somatotropin/prolactin family of hormones and plays an important role in growth control. The gene is located at the growth hormone locus on chromosome 17 along with four other related genes in the same transcriptional orientation; an arrangement which is thought to have evolved by a series of gene duplications. Although the five genes share a remarkably high degree of sequence identity, they are expressed selectively in different tissues. Alternative splicing generates additional isoforms of each of the five growth hormones, leading to further diversity and potential for specialization.

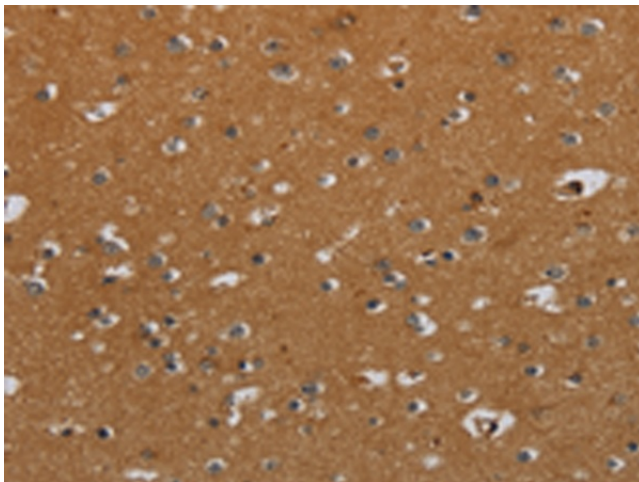
Synonyms:

choriomammothropin; CS-1; CSA; CSMT; FLJ75407; hCS-A; Lactogen; PL

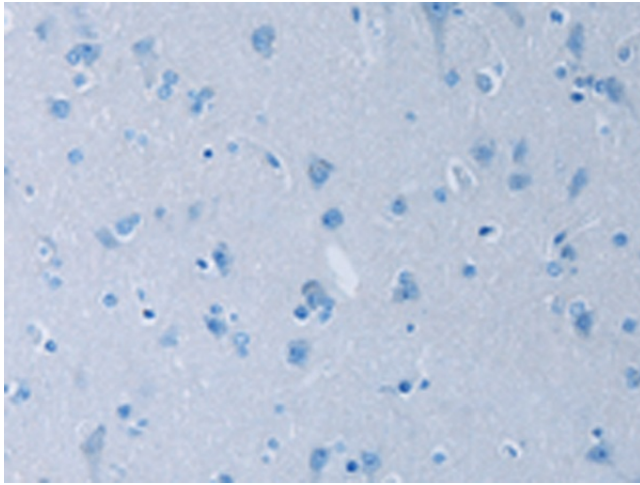
Product images:



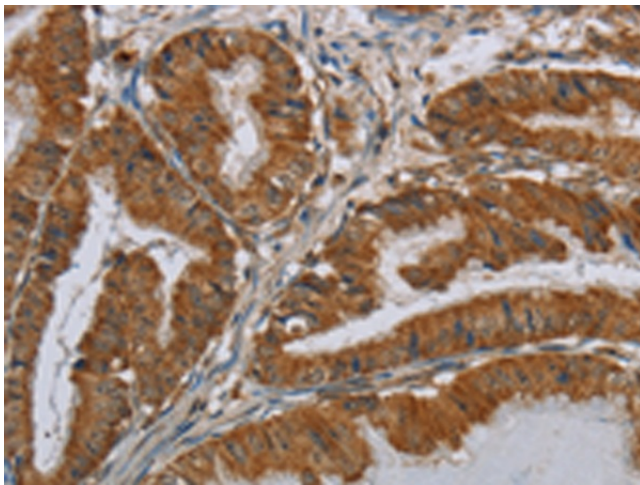
Gel: 10%SDS-PAGE
 Lysate: 40 µg
 Lane 1-2: Human placenta tissue
 Human breast infiltrative duct tissue
 Primary antibody: [TA364837] (CSH1 Antibody) at dilution 1/200
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
 Exposure time: 10 seconds



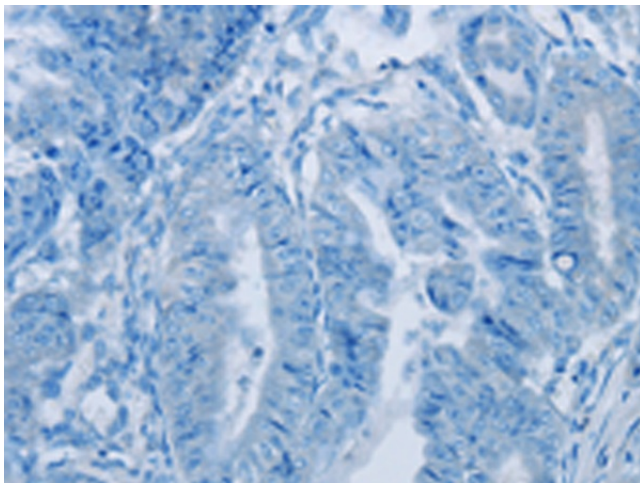
Immunohistochemistry of paraffin-embedded Human brain tissue using [TA364837] (CSH1 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA364837] (CSH1 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA364837] (CSH1 Antibody) at dilution 1/40 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA364837] (CSH1 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: $\times 200$)