

Product datasheet for **TA366466S**

Consortin (CNST) Rabbit Polyclonal Antibody

Product data:

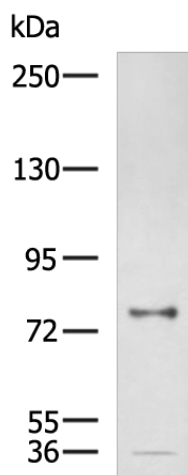
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: TM4 cell lysate IHC: 50-100 Positive control: Human tonsil Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human CNST
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:	80 kDa
Gene Name:	consortin, connexin sorting protein
Database Link:	Entrez Gene 163882 Human Q6PJW8

Background: Targeting of numerous transmembrane proteins to the cell surface is thought to depend on their recognition by cargo receptors that interact with the adaptor machinery for anterograde traffic at the distal end of the Golgi complex. Consortin (CNST) is an integral membrane protein that acts as a binding partner of connexins, the building blocks of gap junctions, and acts as a trans-Golgi network (TGN) receptor involved in connexin targeting to the plasma membrane and recycling from the cell surface (del Castillo et al., 2010 [PubMed 19864490]).

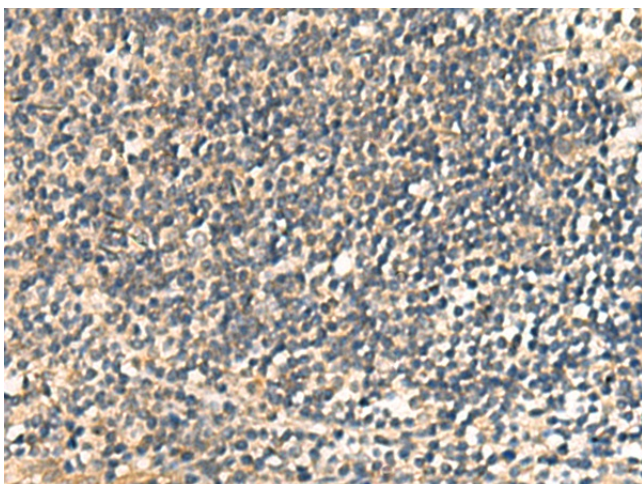
Synonyms: C1orf71; PPP1R64; RP11-452J6.1



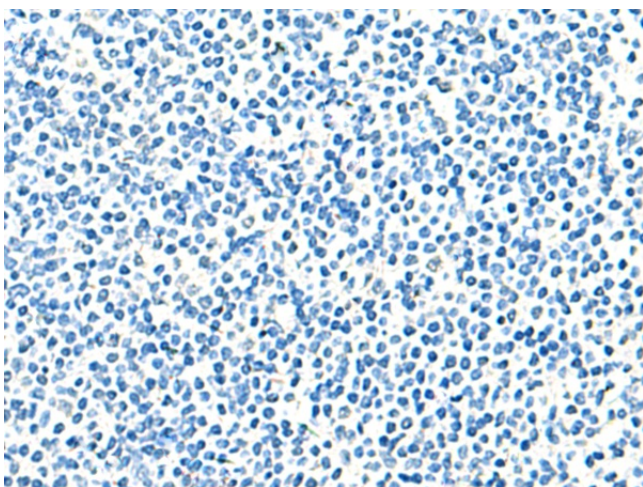
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Product images:

Gel: 6%SDS-PAGE
Lysate: 40 μ g
Lane: TM4 cell lysate
Primary antibody: [TA366466] (CNST Antibody) at dilution 1/800
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 5 minutes



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA366466] (CNST Antibody) at dilution 1/60 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA366466] (CNST Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: $\times 200$)