

TSPAN13 Rabbit pAb

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Catalog # AP59251

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	O95857
Reactivity	Human
Predicted	Rat, Pig, Dog, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22147
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TSPAN13/NET-6
Epitope Specificity	61-160/204
Isotype	IgG
Purity	affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.**SUBCELLULAR LOCATION** Membrane; Multi-pass membrane protein (Probable).**Important Note** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.**Background Descriptions** NET-6, also known as TSPAN13 (tetraspanin-13) or TM4SF13 (transmembrane 4 superfamily member 13), is a 204 amino acid multi-pass membrane protein that belongs to the tetraspanin (TM4SF) family. Members of the tetraspanin family are cell-surface proteins that are characterized by the presence of four hydrophobic domains and mediate signal transduction events that play a role in the regulation of cell development, activation, growth, motility, differentiation, and cancer. Considered molecular facilitators, tetraspanin proteins may regulate vesicle fusion and fission. The gene encoding NET-6 maps to human chromosome 7, which houses over 1,000 genes, comprises nearly 5% of the human genome and has been linked to Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome.

Additional Information

Gene ID	27075
Other Names	Tetraspanin-13, Tspan-13, Tetraspan NET-6, Transmembrane 4 superfamily member 13, TSPAN13, NET6, TM4SF13
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

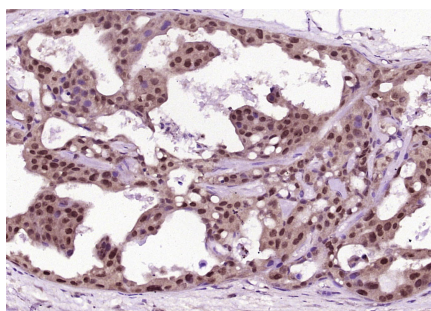
Protein Information

Name	TSPAN13
Synonyms	NET6, TM4SF13
Cellular Location	Membrane; Multi-pass membrane protein

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (Human breast carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TSPAN13) Polyclonal Antibody, Unconjugated (AP59251) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.