

TSPAN5 / NET-4 Antibody (N-Term)
Peptide-affinity purified goat antibody
Catalog # AF3871a**Specification**

TSPAN5 / NET-4 Antibody (N-Term) - Product Information

Application	WB, E
Primary Accession	P62079
Other Accession	NP_005714.2 , 10098 , 56224 (mouse) , 362048 (rat)
Reactivity	Human, Mouse, Rat
Predicted	Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	30337

TSPAN5 / NET-4 Antibody (N-Term) - Additional Information**Gene ID** 10098**Other Names**

Tetraspanin-5, Tspan-5, Tetraspan NET-4, Transmembrane 4 superfamily member 9, TSPAN5, TM4SF9

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TSPAN5 / NET-4 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

TSPAN5 / NET-4 Antibody (N-Term) - Protein Information**Name** TSPAN5 ([HGNC:17753](#))**Synonyms** TM4SF9

Function

Part of TspanC8 subgroup, composed of 6 members that interact with the transmembrane metalloprotease ADAM10. This interaction is required for ADAM10 exit from the endoplasmic reticulum and for enzymatic maturation and trafficking to the cell surface as well as substrate specificity. Different TspanC8/ADAM10 complexes have distinct substrates (PubMed:26686862, PubMed:28600292, PubMed:37516108). Promotes ADAM10-mediated cleavage of CD44 (PubMed:26686862). Seems to regulate VE-cadherin expression in endothelial cells probably through interaction with ADAM10, promoting leukocyte transmigration (PubMed:28600292).

Cellular Location

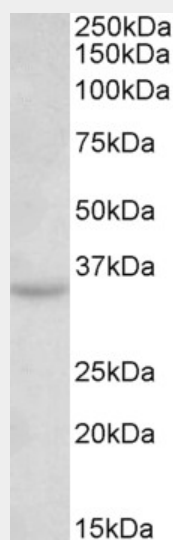
Cell membrane; Multi-pass membrane protein

TSPAN5 / NET-4 Antibody (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TSPAN5 / NET-4 Antibody (N-Term) - Images



AF3871a (0.3 µg/ml) staining of Mouse Brain lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

TSPAN5 / NET-4 Antibody (N-Term) - References

Sequences and expression of six new members of the tetraspanin/TM4SF family. Todd SC, Doctor

VS, Levy S. Biochim Biophys Acta. 1998 Jul 30;1399(1):101-4. PMID: 9714763