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TSPAN14 Antibody (C-Term)

Peptide-affinity purified goat antibody
Catalog # AF3872a

Specification

TSPAN14 Antibody (C-Term) - Product Information

Application	**WB**
Primary Accession	Q8NG11
Other Accession	NP_112189.2, NP_001121781.1, 81619, 52588 (mouse), 306324 (rat)
Reactivity	**Mouse**
Predicted	**Human, Rat, Pig, Dog, Cow**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**30691**

TSPAN14 Antibody (C-Term) - Additional Information

Gene ID 81619

Other Names
Tetraspanin-14, Tspan-14, DC-TM4F2, Transmembrane 4 superfamily member 14, TSPAN14, TM4SF14

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
TSPAN14 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

TSPAN14 Antibody (C-Term) - Protein Information

Name TSPAN14 (HGNC:23303)

Synonyms TM4SF14

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:23035126, PubMed:26668317, PubMed:37516108). Negatively regulates ADAM10-mediated cleavage of GP6 (By similarity). Promotes ADAM10-mediated cleavage of CDH5 (By similarity).

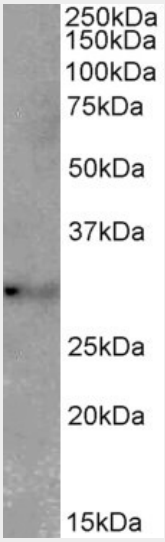
Cellular Location
Cell membrane; Multi-pass membrane protein

TSPAN14 Antibody (C-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 Cytomety
- Cell Culture

TSPAN14 Antibody (C-Term) - Images



AF3872a (2 µg/ml) staining of Mouse Lung lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

TSPAN14 Antibody (C-Term) - Background

This antibody is expected to recognize both reported isoforms (NP_112189.2; NP_001121781.1).

TSPAN14 Antibody (C-Term) - References

Identification of genes associated with non-small-cell lung cancer promotion and progression. Bankovic J, Stojsic J, Jovanovic D, Andjelkovic T, Milinkovic V, Ruzdijic S, Tanic N. Lung Cancer. 2010

Feb;67(2):151-9. PMID: 19473719