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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB11779 - Goat Anti-TSPAN14 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: DC-TM4F2, tetraspanin 14, tetraspanin similar to TM4SF9, tetraspanin-14, TM4SF14, transmembrane 4 superfamily member 14, TSPAN14, tspan-14

Official Symbol: TSPAN14

Accession Number(s): NP_112189.2; NP_001121781.1

Human GeneID(s): [81619](#)

Non-Human GeneID(s): 52588 (mouse), 306324 (rat)

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

Immunogen

Peptide with sequence C-SDIEAVKAGHH, from the C Terminus of the protein sequence according to NP_112189.2; NP_001121781.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 30kDa band observed in Mouse Lung lysates (calculated MW of 30.6kDa according to Mouse NP_666040.1). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow

Specific Reference

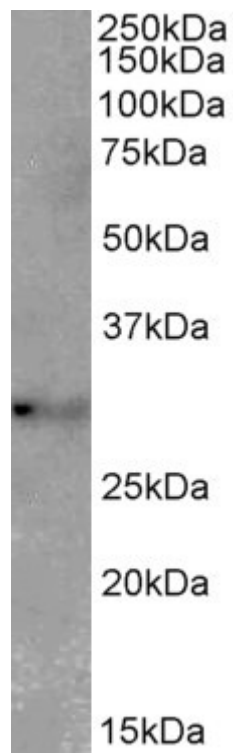
This antibody has been successfully used in Western blot on Human and Mouse:

Noy PJ, Yang J, Reyat JS, Matthews AL, Charlton AE, Furnston J, Rogers DA, Rainger GE, Tomlinson MG.

TspanC8 Tetraspanins and A Disintegrin and Metalloprotease 10 (ADAM10) Interact Via Their Extracellular Regions: Evidence For Distinct Binding Mechanisms For Different TspanC8s.

J Biol Chem. 2015 Dec 14. pii: jbc.M115.703058. [Epub ahead of print]

PMID: 26668317



EB11779 (2 μ g/ml) staining of Mouse Lung lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.