

Anti-TSPAN2 Antibody

Catalog Number: A11816-1

About TSPAN2

TSPAN2 is a membrane protein of the tetraspanin superfamily, which are characterized by the presence of four conserved transmembrane regions. Tetraspanins have been involved in diverse processes such as cell activation and proliferation, adhesion and motility, differentiation, and cancer. It has been reported that TSPAN2 is involved in cell invasion and motility during lung cancer progression (PMID: 24726368). TSPAN2 enhances cell motility and invasiveness by assisting CD44 in scavenging intracellular reactive oxygen species.

Overview

Product Name	Anti-TSPAN2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TSPAN2 Antibody catalog # A11816-1. Tested in WB, IP, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IP, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	O60636

Technical Details

Immunogen	E.coli-derived human TSPAN2 recombinant protein (Position: V103-I196).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 ImmunoPrecipitation, 1:250-300 ELISA, 1:100-1000

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