

## Anti-TRAK2 Antibody

Catalog Number: A07746-3

### About TRAK2

Trafficking kinesin-binding protein 2 (TRAK2) is a member of the TRAK family of kinesin adaptor proteins. In mammals, there are two members of the TRAK family, TRAK1 and TRAK2 (PMID: 25653102). TRAK1 and TRAK2 play roles in lysosomal and mitochondrial trafficking in cells. They function as kinesin adaptors linking kinesin heavy chain (KHC) to mitochondria (PMID: 28364549). TRAK2 has been found to act as a trafficking factor for the K<sup>+</sup> channel Kir2.1 and gamma-Aminobutyric acid type A (GABAA) receptor (PMID: 16895905; 24122114).

### Overview

Product Name	Anti-TRAK2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TRAK2 Antibody catalog # A07746-3. Tested in WB, IHC, ICC, IF, IP, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IP, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 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 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	O60296

### Technical Details

Immunogen	E.coli-derived human TRAK2 recombinant protein (Position: Q3-S352).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunocytochemistry/Immunofluorescence, 1:50-400 ImmunoPrecipitation, 1:250-300

ELISA, 1:100-1000

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