

## Anti-HSPA2 Antibody

Catalog Number: A03474

### About HSPA2

Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. May be involved in the remodeling of the actin cytoskeleton. Binds actin with high affinity both in the absence and presence of ATP and its mechanochemical activity is inhibited by calcium ions. Also acts as a GTPase activating protein on Rho.

Wirth J.A., J. Cell Sci. 109:653-661(1996).

Grewal P.K., Gene 240:389-398(1999).

Post P.L., J. Cell Sci. 111:941-950(1998).

### Overview

Product Name	Anti-HSPA2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-HSPA2 Antibody catalog # A03474. Tested in WB,IHC applications. This antibody reacts with Human,Mouse,Rat.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P54652

### Technical Details

Immunogen	Synthesized peptide derived from human APC1 around the phosphorylation site of S688.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	ProA affinity purified

**Suggested Dilutions**

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:1,000-1:2,000

IHC: 1:50-1:200

## Anti-HSPA2 Antibody (A03474) Images

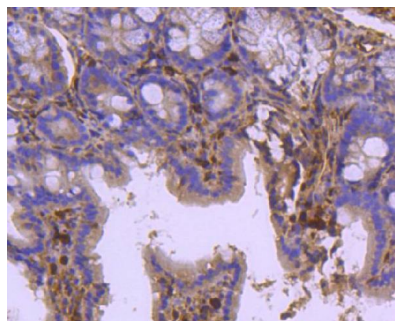


Figure 2. Immunohistochemistry validation of HSPA2 using Anti-HSPA2 Antibody (A03474).

Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-HSPA2 antibody. Counter stained with hematoxylin.

For more protocol information of IHC

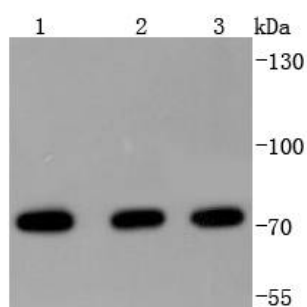


Figure 1. Western blotting validation for Anti-HSPA2 Antibody A03474

Western blot analysis of HSPA2 on different lysates using anti-HSPA2 antibody at 1/1

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