

Anti-BATF2 Antibody

Catalog Number: A09891

About BATF2

Hydrolase that can remove conjugated ubiquitin from proteins and participates in endoplasmic reticulum-associated degradation (ERAD) for misfolded luminal proteins. May act by trimming the ubiquitin chain on the associated substrate to facilitate their threading through the VCP/p97 pore. Ubiquitin moieties on substrates may present a steric impediment to the threading process when the substrate is transferred to the VCP pore and threaded through VCP's axial channel. Mediates deubiquitination of 'Lys-27'-, 'Lys-29'-' and 'Lys-33'-linked polyubiquitin chains. Also able to hydrolyze 'Lys-11'-linked ubiquitin chains. Cleaves both polyubiquitin and di-ubiquitin.

Ota T., Nat. Genet. 36:40-45(2004).

Gregory S.G., Nature 441:315-321(2006).

Mural R.J., Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Overview

Product Name	Anti-BATF2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-BATF2 Antibody catalog # A09891. Tested in WB applications. This antibody reacts with Human,Mouse,Rat.
Application	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	Q8N1L9

Technical Details

Immunogen	Synthesized peptide derived from human Neurocalcin delta
Predicted Reactive Species	Chimpanzee, Drosophila, Macaque
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB: 1:500-1:1000</p>

Anti-BATF2 Antibody (A09891) Images

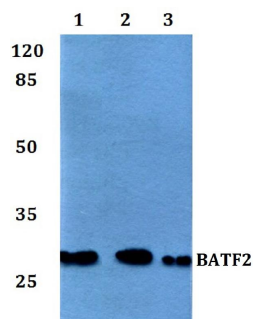


Figure 1. Western blotting validation for Anti-BATF2 Antibody A09891

Western blot (WB) analysis of BATF2 polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate

Lane2:Mouse liver tissue lysate

Lane3:Rat liver tissue lysate

Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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