

Anti-TRPV6 Antibody

Catalog Number: A02139

About TRPV6

Involved in the homologous recombination repair (HRR) pathway of double-stranded DNA, thought to repair chromosomal fragmentation, translocations and deletions. Part of the Rad21 paralog protein complex BCDX2 which acts in the BRCA1-BRCA2-dependent HR pathway. Upon DNA damage, BCDX2 acts downstream of BRCA2 recruitment and upstream of RAD51 recruitment. BCDX2 binds predominantly to the intersection of the four duplex arms of the Holliday junction and to junction of replication forks. The BCDX2 complex was originally reported to bind single-stranded DNA, single-stranded gaps in duplex DNA and specifically to nicks in duplex DNA.

JP Scott, Blood, Oct 1981; 58: 665 - 669.

G Chevalier, Am. J. Pathol., Jun 1998; 152: 1563.

R Williams, J. Biol. Chem., Aug 1993; 268: 18213 - 18217.

Michael R. Ladomery, J. Biol. Chem., Dec 1999; 274: 36520.

Overview

Product Name	Anti-TRPV6 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TRPV6 Antibody catalog # A02139. 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	Q9H1D0

Technical Details

Immunogen	Synthesized peptide derived from internal of human XRCC2.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
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	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: 1:500-1:2000 IHC: 1:50-1:200

Anti-TRPV6 Antibody (A02139) Images

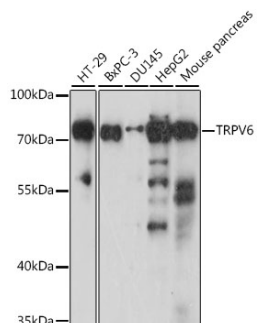


Figure 1. Western blotting validation for Anti-TRPV6 Antibody A02139

Western blot analysis of extracts of various cell lines

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