BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Vinculin VCL Antibody

Catalog Number: A30448

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Overview

Product Name	Anti-Vinculin VCL Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Vinculin VCL Antibody (Catalog# A30448). Tested in WB, IHC, ICC, IF, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	PBS containing 50% glycerol, 0.5% stabilizing protein and 0.02% sodium azide. 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	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	P18206

Technical Details

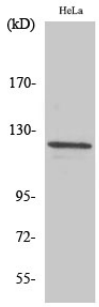
Immunogen	The antiserum was produced against synthesized peptide derived from human Vinculin. AA range:786-835
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.

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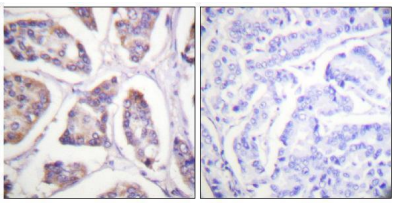
Suggested Dilutions	WB 1:500 - 1:2000. IHC: 1:100-300 ELISA: 1:20000. ICC/IF 1:100-300 Not yet tested in other applications.

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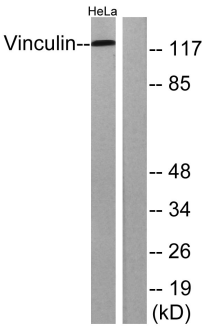
Anti-Vinculin VCL Antibody (A30448) Images



Western Blot analysis of various cells using Vinculin Polyclonal Antibody. Secondary antibody was diluted at 1:20000



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Vinculin Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa cells, treated with forskolin 40nM 30', using Vinculin Antibody. The lane on the right is blocked with the synthesized peptide.

5 Publications Citing This Product

1. PubMed ID: 10.3389/fmolb.2021.725275, Mechanically Activated Calcium Channel PIEZO1 Modulates Radiation-Induced Epithelial-Mesenchymal Transition by Forming a Positive Feedback With TGF-beta1

2. PubMed ID: 32247806, Dong Y,Chen Y,Zhu D,Shi K,Ma C,Zhang W,Rocchi P,Jiang L,Liu X.Self-assembly of amphiphilic phospholipid peptide dendrimer-based nanovectors for effective delivery of siRNA therapeutics in prostate cancer therapy.J Control Release.2020 Jun 10;322:416-425.d

3. PubMed ID: 25888745, Su F,, Liu Ss,, Ma Jl, Wang Ds, E Ll, Liu Hc. Stem Cell Res Ther. 2015 Mar 12;6:22. Doi: 10.1186/S13287-015-0023-3. Enhancement Of Periodontal Tissue Regeneration By Transplantation Of Osteoprotegerin-Engineered Periodontal Ligament Stem Cells.

Visit bosterbio.com/anti-vinculin-antibody-a30448-boster.html to see all 5 publications.

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