

Anti-VHL Antibody

Catalog Number: A00079-3

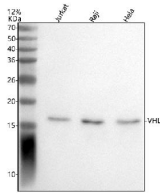
Overview

| | |
|----------------------|---|
| Product Name | Anti-VHL Antibody |
| Reactive Species | Human, Rat |
| Description | Boster Bio Anti-VHL Antibody catalog # A00079-3. Tested in WB, IHC, ICC, IF applications. This antibody reacts with Human, Rat. |
| Application | IF, IHC, ICC, WB |
| Clonality | Polyclonal |
| Formulation | 500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg BSA and 50% glycerol. |
| 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 | P40337 |

Technical Details

| | |
|---------------------|--|
| Immunogen | E.coli-derived human VHL recombinant protein (Position: W88-D213). |
| 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 |

Anti-VHL Antibody (A00079-3) Images



Western blot analysis of VHL using anti-VHL antibody (A00079-3).

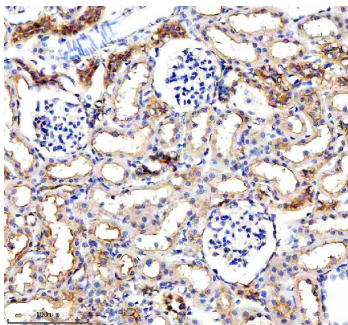
Electrophoresis was performed on a 13% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human Jurkat whole cell lysates,

Lane 2: human Raji whole cell lysates,

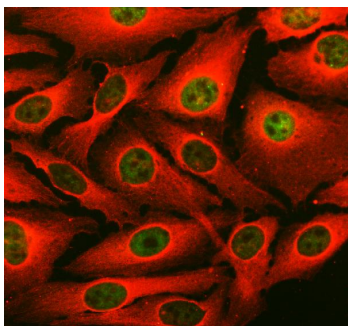
Lane 3: human Hela whole cell lysates.

After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-VHL antigen affinity purified polyclonal antibody (A00079-3) at 1:1000 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for VHL at approximately 18 kDa. The expected band size for VHL is at 20 kDa.



IHC analysis of VHL using anti-VHL antibody (A00079-3).

VHL was detected in a paraffin-embedded section of rat kidney tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:100 rabbit anti-VHL Antibody (A00079-3) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



IF analysis of VHL using anti-VHL antibody (A00079-3) and anti-Tubulin Alpha antibody (M03989-3).

VHL was detected in immunocytochemical section of U2OS cell. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent (AR0022) for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 1:100 rabbit anti-VHL Antibody (A00079-3) and mouse anti-Tubulin Alpha antibody (M03989-3) overnight at 4°C. DyLight®488 Conjugated Goat Anti-Rabbit IgG (BA1127) and Cy3 Conjugated Goat Anti-Mouse IgG (BA1031) were used as secondary antibody at 1:500 dilution and incubated for 30 minutes at 37°C. Visualize using a fluorescence microscope and filter sets appropriate for the label used.

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