

Anti-Keap1 Antibody

Catalog Number: A00514-2

About KEAP1

Transcription factor which regulates the expression of several rod-specific genes, including RHO and PDE6B By similarity.

Swaroop A., Proc. Natl. Acad. Sci. U.S.A. 89:266-270(1992).

Farjo Q., Genomics 45:395-401(1997).

Heilig R., Nature 421:601-607(2003)

Overview

Product Name	Anti-Keap1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Keap1 Antibody catalog # A00514-2. Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
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	Q14145

Technical Details

Immunogen	Synthesized peptide derived from human Keap1.
Predicted Reactive Species	Canine, Monkey
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
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-P 1:100-300

ELISA 1:20000

Anti-Keap1 Antibody (A00514-2) Images

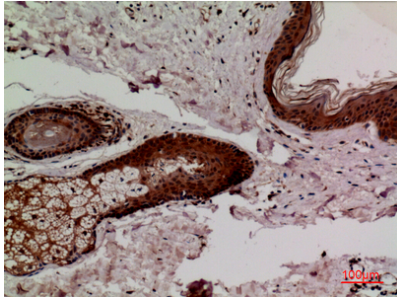


Figure 2. Immunohistochemistry validation of KEAP1 using Anti-Keap1 Antibody (A00514-2).

Immunohistochemistry (IHC) analysis of paraffin-embedded Human Skin

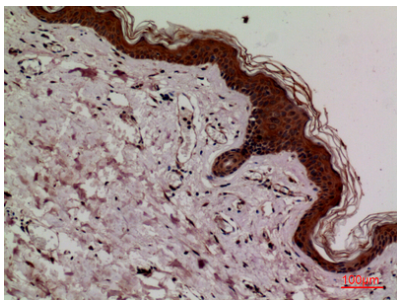


Figure 3. Immunohistochemistry validation of KEAP1 using Anti-Keap1 Antibody (A00514-2).

Immunohistochemistry (IHC) analysis of paraffin-embedded Human Skin

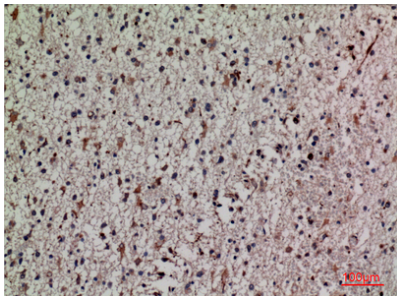


Figure 4. Immunohistochemistry validation of KEAP1 using Anti-Keap1 Antibody (A00514-2).

Immunohistochemistry (IHC) analysis of paraffin-embedded Human Brain

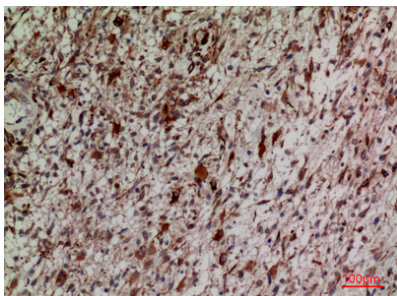


Figure 5. Immunohistochemistry validation of KEAP1 using Anti-Keap1 Antibody (A00514-2).

Immunohistochemistry (IHC) analysis of paraffin-embedded Human Brain

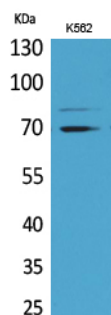


Figure 1. Western blotting validation for Anti-Keap1 Antibody A00514-2

Western Blot (WB) analysis of K562 cells using Keap1 polyclonal antibody. Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

2 Publications Citing This Product

1. PubMed ID: 33359640, Li D,Bai X,Jiang Y,Cheng Y.Butyrate alleviates PTZ-induced mitochondrial dysfunction, oxidative stress and neuron apoptosis in mice via Keap1/Nrf2/HO-1 pathway.Brain Res Bull.2020 Dec 28;168:25-35.doi:10.1016/j.brainresbull.2020.12.009.Epub ahead of print
2. PubMed ID: 26339340, Bone marrow mesenchymal stem cells protect against bleomycin-induced pulmonary fibrosis in rat by activating Nrf2 signaling

Visit bosterbio.com/anti-keap1-antibody-a00514-2-boster.html to see all 2 publications.

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