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Datasheet for ABIN3030398
anti-CD40 antibody (AA 1-360)

5 Images

Overview

Quantity:	100 µg
Target:	CD40
Binding Specificity:	AA 1-360
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD40 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Human partial recombinant protein (AA 1-360) was used as the immunogen for this p50 antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	CD40
Alternative Name:	p50 (CD40 Products)
Background:	Nuclear factor NF-kappa-B p105/p50, also called EBP-1 is a protein that in humans is encoded by the NFKB1 gene. By fluorescence in situ hybridization, the gene was assigned to human chromosome 4q24. NFKB1 is a pleiotropic transcription factor present in almost all cell types

Target Details

and is the endpoint of a series of signal transduction events that are initiated by a vast array of stimuli related to many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NFKB1 appears to have dual functions such as cytoplasmic retention of attached NFKB1 proteins by p105 and generation of p50 by a cotranslational processing.

Gene ID: 4790

Pathways: [NF-kappaB Signaling](#), [Cellular Response to Molecule of Bacterial Origin](#), [M Phase](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Cancer Immune Checkpoints](#)

Application Details

Application Notes: Titration of the p50 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL

Restrictions: For Research Use only

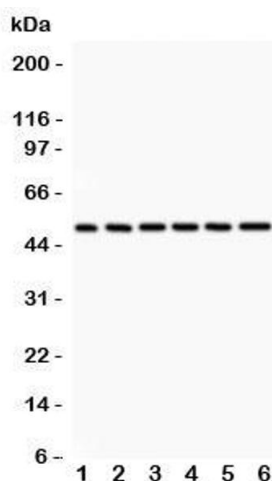
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

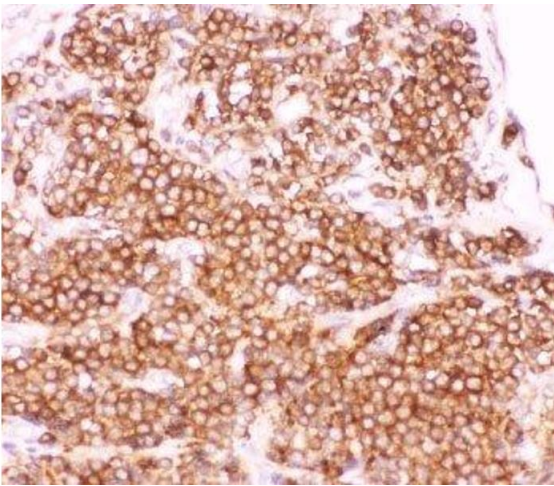
Storage Comment: The p50 antibody can be stored at 4°C to -20°C. After reconstitution, aliquot and store at -20°C. Avoid repeat freeze/thaws.

Images



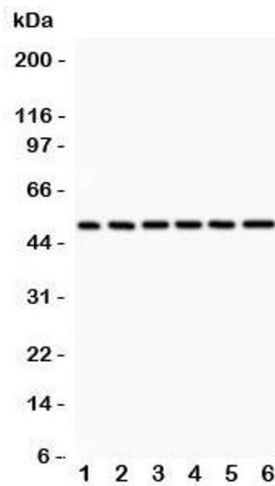
Western Blotting

Image 1. Western blot testing of p50 antibody and 1: rat spleen



Immunohistochemistry

Image 2. IHC-P: p50 antibody testing of human lung cancer tissue



Western Blotting

Image 3. Western blot testing of p50 antibody and 1: rat spleen; 2: (r) PC-12; and human samples 3: HeLa; 4: A431; 5: Jurkat; 6: MCF-7; Predicted/observed size: 50/105KD depending on sample

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3030398.