antibodies

Datasheet for ABIN680183 anti-NOTCH2 antibody (AA 1501-1700)

2 Images



Overview

| Quantity: | 100 μL | |
|----------------------|--|--|
| Target: | NOTCH2 | |
| Binding Specificity: | AA 1501-1700 | |
| Reactivity: | Human, Mouse | |
| Host: | Rabbit | |
| Clonality: | Polyclonal | |
| Conjugate: | This NOTCH2 antibody is un-conjugated | |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) | |

Product Details

| Immunogen: | KLH conjugated synthetic peptide derived from human Notch2 | |
|-----------------------|--|--|
| Isotype: | lgG | |
| Cross-Reactivity: | Human, Mouse | |
| Predicted Reactivity: | Rat,Pig,Rabbit | |
| Purification: | Purified by Protein A. | |
| Target Details | | |
| Target: | NOTCH2 | |

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN680183 | 03/06/2024 | Copyright antibodies-online. All rights reserved.

| Target Details | | |
|---------------------|--|--|
| Alternative Name: | Notch 2 (NOTCH2 Products) | |
| Background: | Synonyms: hN2, AGS2, HJCYS, Neurogenic locus notch homolog protein 2, Notch 2, NOTCH2 | |
| | Background: Functions as a receptor for membrane-bound ligands Jagged1, Jagged2 and | |
| | Delta1 to regulate cell-fate determination. Upon ligand activation through the released notch | |
| | intracellular domain (NICD) it forms a transcriptional activator complex with RBPJ/RBPSUH | |
| | and activates genes of the enhancer of split locus. Affects the implementation of | |
| | differentiation, proliferation and apoptotic programs (By similarity). Involved in bone remodeling | |
| | and homeostasis. In collaboration with RELA/p65 enhances NFATc1 promoter activity and | |
| | positively regulates RANKL-induced osteoclast differentiation. | |
| Gene ID: | 4853 | |
| UniProt: | Q04721 | |
| Pathways: | Notch Signaling, Stem Cell Maintenance | |
| Application Details | | |
| Application Notes: | WB 1:300-5000 | |
| | ELISA 1:500-1000 | |
| | IHC-P 1:200-400 | |
| | IHC-F 1:100-500 | |
| | IF(IHC-P) 1:50-200 | |
| | IF(IHC-F) 1:50-200 | |
| | IF(ICC) 1:50-200 | |
| Restrictions: | For Research Use only | |
| Handling | | |
| Format: | Liquid | |
| Concentration: | 1 μg/μL | |
| Buffer: | 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. | |
| Preservative: | ProClin | |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. | |
| Storage: | 4 °C,-20 °C | |

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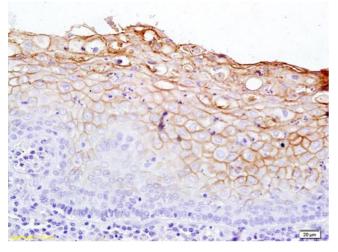
Storage Comment:

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date:

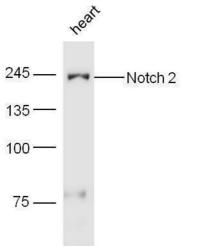
12 months

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat kidney tissue labeled with Rabbit Anti-Notch 2 Polyclonal Antibody, Unconjugated (ABIN680183) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



Western Blotting

Image 2. Mouse heart lysates probed with Rabbit Anti-Notch 2 Polyclonal Antibody, Unconjugated at 1:5000 for 90 min at 37°C.