antibodies .- online.com







anti-NPAS4 antibody (C-Term)

Images



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Alternative Name:

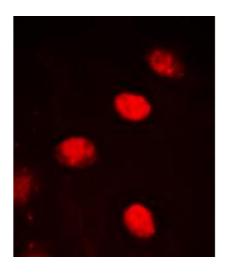
| Quantity: | 100 μL | | |
|----------------------|--|--|--|
| Target: | NPAS4 | | |
| Binding Specificity: | C-Term | | |
| Reactivity: | Human, Mouse, Pig, Monkey | | |
| Host: | Rabbit | | |
| Clonality: | Polyclonal | | |
| Conjugate: | This NPAS4 antibody is un-conjugated | | |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), | | |
| | Immunochromatography (IC) | | |
| Product Details | | | |
| Immunogen: | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of | | |
| | human NPAS4. | | |
| Specificity: | Recognizes endogenous levels of NPAS4 protein. | | |
| Characteristics: | Rabbit polyclonal antibody to NPAS4 | | |
| Purification: | The antibody was purified by immunogen affinity chromatography. | | |
| Target Details | | | |
| Target: | NPAS4 | | |

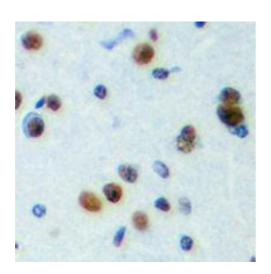
NPAS4 (NPAS4 Products)

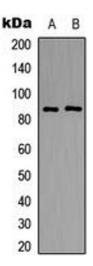
Target Details

| Target Details | | |
|---------------------|---|--|
| Background: | BHLHE79, NXF, PASD10, Neuronal PAS domain-containing protein 4, Neuronal PAS4, Class E basic helix-loop-helix protein 79, bHLHe79, HLH-PAS transcription factor NXF, PAS domain-containing protein 10 | |
| Gene ID: | 266743, 225872 | |
| UniProt: | Q8IUM7, Q8BGD7 | |
| Application Details | | |
| Application Notes: | WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500) | |
| Restrictions: | For Research Use only | |
| Handling | | |
| Format: | Liquid | |
| Buffer: | Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and | |

| Hariding | |
|--------------------|--|
| Format: | Liquid |
| Buffer: | Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles. |
| Expiry Date: | 12 months |







Immunofluorescence

Image 1. Immunofluorescent analysis of NPAS4 staining in HEK293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Immunohistochemistry

Image 2. Immunohistochemical analysis of NPAS4 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugad compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Western Blotting

Image 3. Western blot analysis of NPAS4 expression in HEK293T (A), Raw264.7 (B) whole cell lysates.