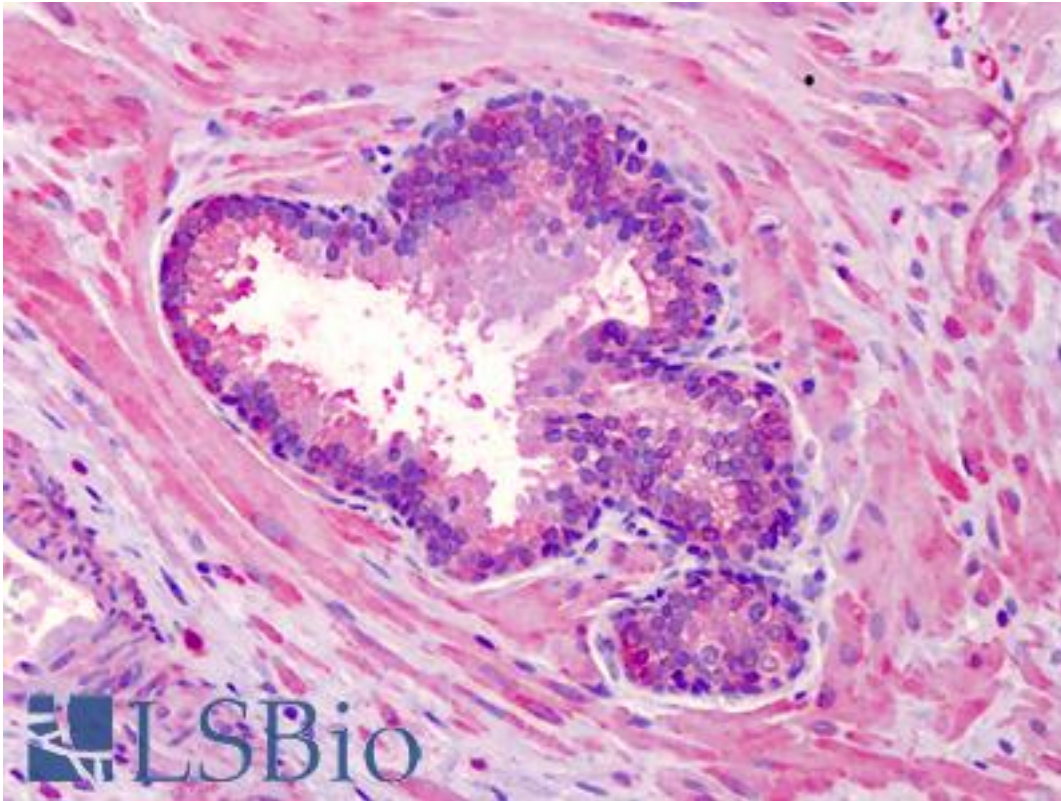


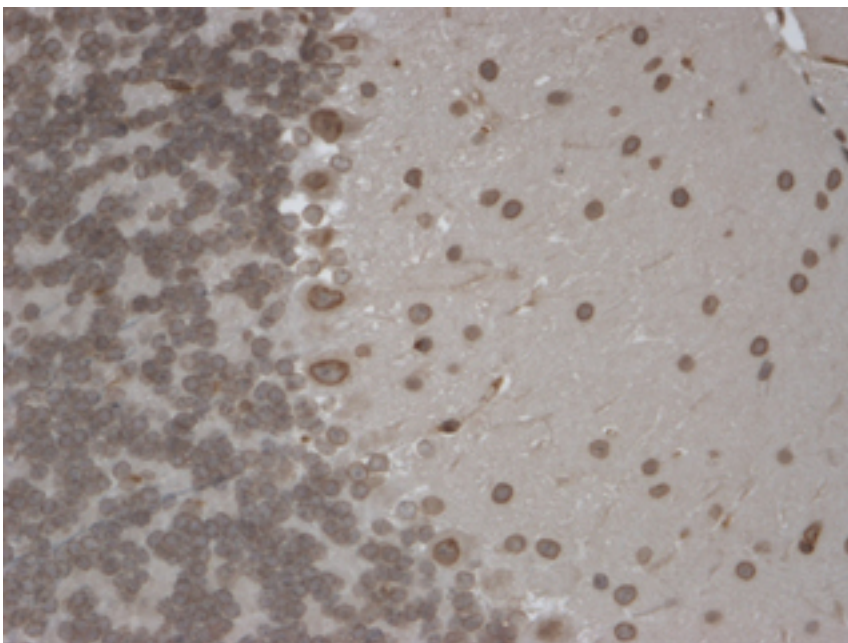
| TRPM7 Mouse anti-Mouse Monoclonal (aa1817-1863) (S74-25) Antibody - LS-B5030 - LSBio | |
|--|--|
| CatalogID: | LS-B5030 |
| Validation: | This antibody replaces catalog number LS-C109015. It has been validated for use in the following assays: IHC-P. |
| Target: | transient receptor potential cation channel, subfamily M, member 7 (TRPM7) |
| Synonyms: | TRPM7 Antibody, CHAK Antibody, LTRPC7 Antibody, ALSPDC Antibody, TRP-PLIK Antibody, CHAK1 Antibody, Channel-kinase 1 Antibody, LTrpC-7 Antibody |
| Family / Subfamily: | Protein Kinase / Alpha-kinases |
| Host | TRPM7 antibody was produced in Mouse |
| Clonality: | Monoclonal |
| Isotype: | IgG1 |
| Clone Name: | S74-25 |
| Immunogen Species: | TRPM7 antibody was raised against Mouse |
| Antigen Type: | Fusion protein |
| Immunogen: | TRPM7 antibody was raised against fusion protein amino acids 1817-1863 (C-terminus) of mouse TrpM7, accession number Q923J1. |
| Specificity: | Detects ~220 kD protein. No cross reactivity with TrpM6. |
| Epitope: | aa1817-1863 |
| Reactivity: | Mouse, Human, Rat |
| Purification: | Protein G purified |
| Presentation: | PBS, pH 7.4, 50% glycerol, 0.09% sodium azide |
| Recommended Storage: | Store at -20°C. |
| Usage Summary: | Western Blot: Use the lysate in SDS buffer but without boiling, incubating for 20 mins at 37°C instead. |
| Uses: | IHC - Paraffin (5 µg/ml), ICC (0.1 - 1 µg/ml), Western blot (1 - 10 µg/ml), Immunoprecipitation (1 - 10 µg/ml) (Optimal dilution to be determined by the researcher) |
| Size: | 50 µg |
| Concentration: | 1 mg/ml |

Immunohistochemistry Image:



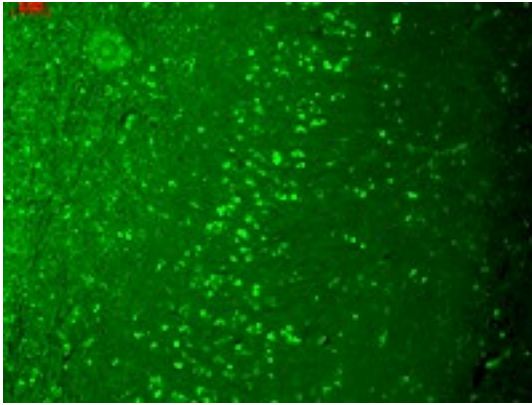
Anti-TRPM7 antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B5030 concentration 5 ug/ml.

Immunohistochemistry Image:



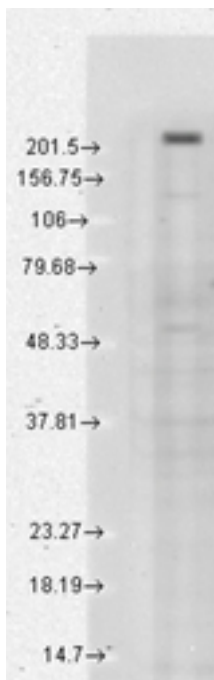
IHC analysis of TrpM7 tested on mouse brain using a dilution of TRPM7 antibody. Strong positivity of the nuclear membrane of every cell.

Immunofluorescence Image:



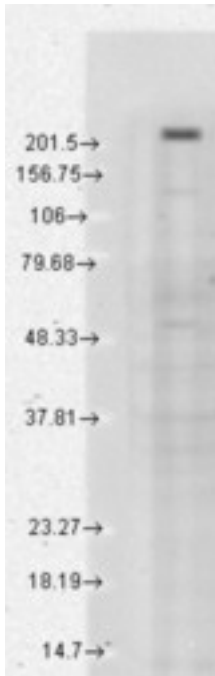
TrpM7 (S74-25), Human hippocampus.

Western Blot Image:



Western blot analysis of TrpM7 tested in a human cell line mix at 1:1000 dilution of TRPM7 antibody.

Western Blot Image:



TrpM7 (S74-25), Human cell line mix.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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Created on 9/24/2014

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