

Product Data Sheet

Anti-L1CAM Antibody

Catalog #SourceReactivityApplicationsCPA 4919RabbitH, M, R, ZWB, IH, IF/ICDescriptionRabbit polyclonal antibody to L1CAMImmunogenKLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human L1CAM. The exact sequence is proprietary.PurificationThe antibody was purified by immunogen affinity chromatography.SpecificityRecognizes endogenous levels of L1CAM protein.ClonalityPolyclonalConjugationLiquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.DilutionWB (1/500 - 1/1000), IH (1/50 - 1/100), IF/IC (1/50 - 1/200)Gene SymbolL1CAMAlternative NamesCAML1; MIC5; Neural cell adhesion molecule L1; N-CAM-L1; NCAM-L1; CD171Entrez Gene3897 (Human); 50687 (Rat)SwissProtP32004 (Human); P11627 (Mouse); Q05695 (Rat)Storage/StabilityShipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.							
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Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC-Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb-Rabbit, S- Sheep, Z- Zebrafish

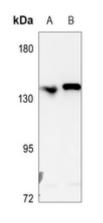
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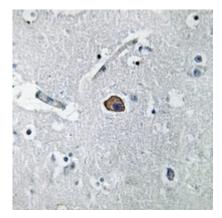
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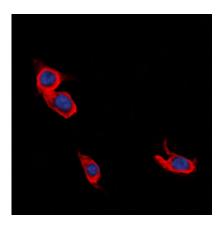
Product Data Sheet



Western blot analysis of L1CAM expression in HEK293T (A), A549 (B) whole cell lysates. (Predicted band size: 140 kD; Observed band size: 140 kD)



Immunohistochemical analysis of L1CAM 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 conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of L1CAM staining in Jurkat 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).

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