For research purposes only, not for human use

Product Data Sheet

Anti-L1CAM (Phospho-S1181) Antibody

Catalog #	Source	Reactivity	Applications
CPA5871	Rabbit	H, M, R, Z	WB, IH

Description	Rabbit polyclonal antibody to L1CAM (Phospho-S1181)
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S1181 of human L1CAM protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of L1CAM protein only when phosphorylated at S1181.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/200)
Gene Symbol	L1CAM
Alternative Names	CAML1; MIC5; Neural cell adhesion molecule L1; N-CAM-L1; NCAM-L1; CD171
Entrez Gene	3897 (Human); 50687 (Rat)
SwissProt	P32004 (Human); P11627 (Mouse); Q05695 (Rat)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

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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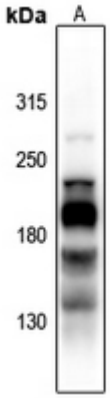
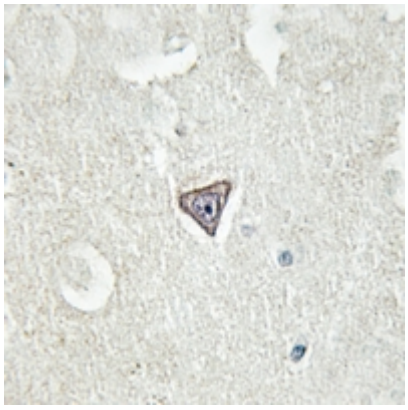


Western blot analysis of L1CAM (Phospho-S1181) expression in Myla2059 (A) whole cell lysates. (Predicted band size: 140 kD; Observed band size: 220 kD)



Immunohistochemical analysis of L1CAM (Phospho-S1181) 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.

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