

Product Data Sheet

Anti-CB2 Antibody

Catalog #	Source	Reactivity	Applications
CQA4126	Rabbit	H, M, R	WB, IH
Description	Rabbit polyclonal antibody to CB2		
Immunogen	KLH-conjugated synthetic peptide of human CB2. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of CB2 protein		
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 - 1/2000), IH (1/50 - 1/200)		
Gene Symbol	CNR2		
Alternative Names	CB2A; CB2B; Cannabinoid receptor 2; CB-2; CB2; hCB2; CX5		
Entrez Gene	1269 (Human); 12802 (Mouse); 57302 (Rat)		
SwissProt	P34972 (Human); P47936 (Mouse); Q9QZN9 (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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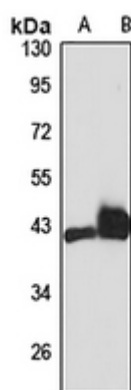
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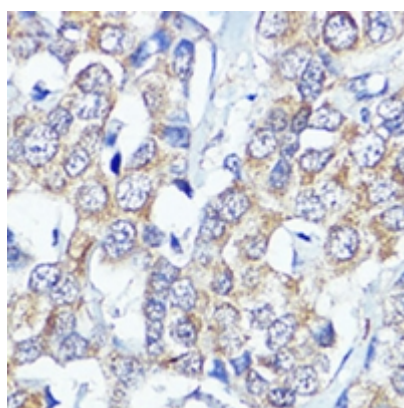
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Western blot analysis of CB2 expression in mouse liver (A), rat brain (B) whole cell lysates. (Predicted band size: 39 kD; Observed band size: 40 kD)



Immunohistochemical analysis of CB2 staining in human breast cancer 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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