

Anti-Sigma1 Receptor Antibody

Catalog #	Source	Reactivity	Applications
CQA2232	Rabbit	H, M, R	WB, IH
Description	Rabbit polyclonal antibody to Sigma1 Receptor		
Immunogen	Recombinant full length protein of human Sigma1 Receptor		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Sigma1 Receptor 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	SIGMAR1		
Alternative Names	OPRS1; SRBP; Sigma non-opioid intracellular receptor 1; Aging-associated gene 8 protein; SR31747-binding protein; SR-BP; Sigma 1-type opioid receptor; SIG-1R; Sigma1-receptor; Sigma1R; hSigmaR1		
Entrez Gene	10280 (Human); 18391 (Mouse); 29336 (Rat)		
SwissProt	Q99720 (Human); O55242 (Mouse); Q9R0C9 (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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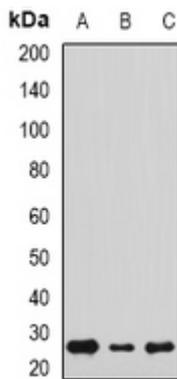
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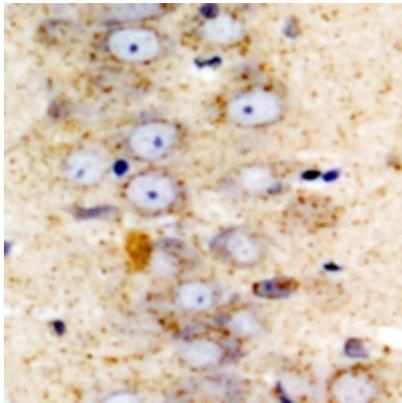
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Product Data Sheet



Western blot analysis of Sigma1 Receptor expression in HeLa (A), SW620 (B), HepG2 (C) whole cell lysates. (Predicted band size: 11; 21; 22; 25 kD; Observed band size: 25 kD)



Immunohistochemical analysis of Sigma1 Receptor staining in mouse 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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