

Anti-CAT4 Antibody

Catalog #	Source	Reactivity	Applications
CPA4521	Rabbit	H, R	WB
Description	Rabbit polyclonal antibody to CAT4		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CAT4. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of CAT4 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 - 1/1000)		
Gene Symbol	SLC7A4		
Alternative Names	Cationic amino acid transporter 4; CAT-4; CAT4; Solute carrier family 7 member 4		
Entrez Gene	6545 (Human)		
SwissProt	O43246 (Human)		
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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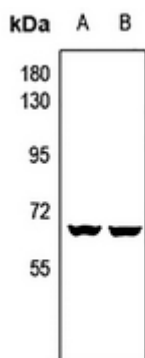
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Product Data Sheet



Western blot analysis of CAT4 expression in PC12 (A), HeLa (B) whole cell lysates. (Predicted band size: 68 kD; Observed band size: 68 kD)

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