For research purposes only, not for human use

Product Data Sheet

Anti-MBTPS2 Antibody

Catalog #	Source	Reactivity	Applications
CPA4082	Rabbit	H, M, R, B	WB, IF/IC

Description	Rabbit polyclonal antibody to MBTPS2
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MBTPS2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of MBTPS2 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), IF/IC (1/50 - 1/200)
Gene Symbol	MBTPS2
Alternative Names	S2P; Membrane-bound transcription factor site-2 protease; Endopeptidase S2P; Sterol regulatory element-binding proteins intramembrane protease; SREBPs intramembrane protease
Entrez Gene	51360 (Human); 270669 (Mouse)
SwissProt	O43462 (Human); Q8CHX6 (Mouse)
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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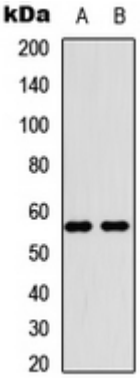
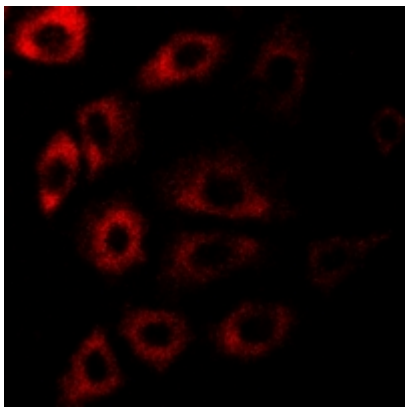


Western blot analysis of MBTPS2 expression in HEK293T (A), Raw264.7 (B) whole cell lysates. (Predicted band size: 57 kD; Observed band size: 57 kD)



Immunofluorescent analysis of MBTPS2 staining in A549 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 AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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