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Product Data Sheet

Anti-p62 Antibody

Catalog #	Source	Reactivity	Applications
CQA1642	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to p62
Immunogen	Recombinant full length protein of human p62
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of p62 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	SQSTM1
Alternative Names	ORCA; OSIL; Sequestosome-1; EBI3-associated protein of 60 kDa; EBIAP; p60; Phosphotyrosine-independent ligand for the Lck SH2 domain of 62 kDa; Ubiquitin-binding protein p62
Entrez Gene	8878 (Human); 18412 (Mouse); 113894 (Rat)
SwissProt	Q13501 (Human); Q64337 (Mouse); O08623 (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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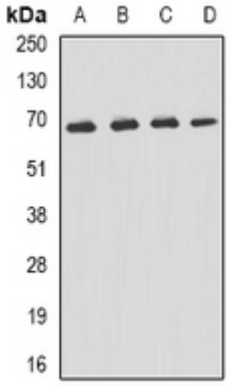
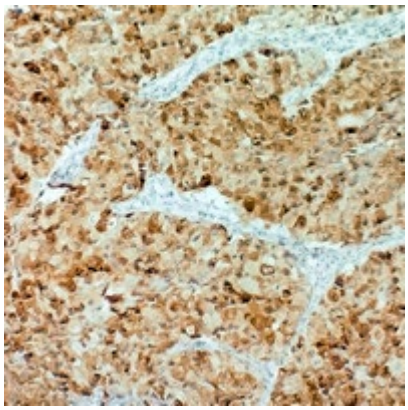


Western blot analysis of p62 expression in Hela (A), Jurkat (B), mouse liver (C), mouse kidney (D) whole cell lysates. (Predicted band size: 47 kD; Observed band size: 62 kD)



Immunohistochemical analysis of p62 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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