For research purposes only, not for human use

Product Data Sheet

Anti-YKL-39 Antibody

Catalog #	Source	Reactivity	Applications
CQA3711	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to YKL-39
Immunogen	Recombinant protein of human YKL-39. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of YKL-39 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), IH (1/50 - 1/200)
Gene Symbol	CHI3L2
Alternative Names	Chitinase-3-like protein 2; Chondrocyte protein 39; YKL-39
Entrez Gene	1117 (Human)
SwissProt	Q15782 (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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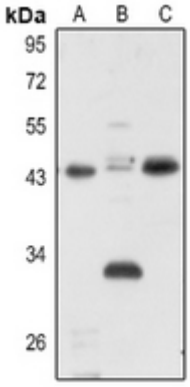
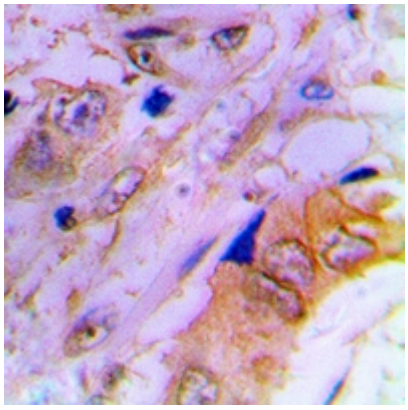


Western blot analysis of YKL-39 expression in THP1 (A), mouse spinal cord (B), rat spinal cord (C) whole cell lysates. (Predicted band size: 34; 42; 43 kD; Observed band size: 44 kD)



Immunohistochemical analysis of YKL-39 staining in human lung 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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