

CHI3L1 Polyclonal Antibody

catalog number: D-AB-10422L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

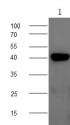
Description

Reactivity	Mouse
Immunogen	Recombinant Mouse CHI3L1 protein expressed by E.coli
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications

Applications	Recommended Dilution
WB	1:500-1:1000

Data



Western blot with CHI3L1 Polyclonal antibody at dilution of 1:1000. lane 1: Mouse spleen, lane 2: Mouse lung

Observed-MW: 43 kDa

Calculated-MW: 44 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

Chitinase-3-like protein 1 (CHI3L1) also known as YKL-40, is a secreted glycoprotein that is approximately 40 kDa in size that in humans is encoded by the CHI3L1 gene. Elevated levels of CHI3L1 are associated with disorders exhibiting increased connective tissue turnover, such as rheumatoid arthritis, osteoarthritis, scleroderma, and cirrhosis of liver, but is produced in cartilage from old donors or patients with osteoarthritis. CHI3L1 is abnormally expressed in the hippocampus of subjects with schizophrenia and may be involved in the cellular response to various environmental events that are reported to increase the risk of schizophrenia.

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