

Anti-IL1 beta Picoband Antibody

Catalog # ABO12802

Product Information

Application	WB
Primary Accession	I11b: P10749
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for IL1 beta detection. Tested with WB in Mouse;Rat.

Reconstitution Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

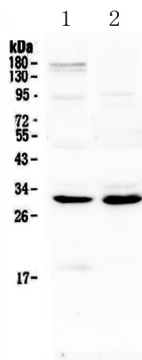
Additional Information

Application Details	Western blot, 0.1-0.5 µg/ml
Subcellular Localization	Cytoplasm, cytosol
Tissue Specificity	Expressed in activated macrophages (at protein level).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Immunogen	A synthetic peptide corresponding to a sequence of mouse IL1 beta (DPKQYPKKKMEKRFVFNKIEVKSKVEFESAE).
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins.
Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Protein Information

Images

Figure 1. Western blot analysis of IL1 beta using anti-IL1 beta antibody (ABO12802). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)



/ 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions. Lane 1: rat brain tissue lysates, Lane 2: mouse spleen tissue lysates. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-IL1 beta antigen affinity purified polyclonal antibody (Catalog # ABO12802) at 0.5 μ g/mL overnight at 4 $^{\circ}$ C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for IL1 beta at approximately 31KD. The expected band size for IL1 beta is at 31KD.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.