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Product Datasheet

Anti-Rat IL-1alpha Antibody, Goat, Polyclonal ABT-ABG10237-U050

Article Name	Anti-Rat IL-1alpha Antibody, Goat, Polyclonal
Biozol Catalog Number	ABT-ABG10237-U050
Supplier Catalog Number	ABG10237-U050
Alternative Catalog Number	ABT-ABG10237-U050-50UG
Manufacturer	Abcepta
Host	Goat
Category	Antikörper
Application	ELISA, IHC, WB
Species Reactivity	Rat
Clonality	Polyclonal
Purity	Produced from sera of goats pre-immunized with highly pure (>98%) recombinant Rat IL-1alpha. Anti-Rat IL-1alpha specific antibody was purified by affinity chromatography employing immobilized Rat IL-1alpha matrix.
Form	A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.
Antibody Type	Polyclonal Antibody

Application Notes

WesternBlot: To detect Rat IL-1alpha by Western Blot analysis this antibody can be used at a concentration of 0.1- 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant Rat IL-1alpha is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.. **Sandwich:** To detect Rat IL-1alpha by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems Biotinylated Anti-Rat IL-1alpha (62-001ABT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Rat IL-1alpha.. **Immunohistochemistry:** This antibody stained colchicine injected rat brain (including the ventricles and the CA3 region of the hippocampus) tissue. The primary antibody was incubated at 1.0 µg/ml overnight at 4°C. This was followed by a peroxidase conjugated secondary antibody and then a fluorescein Tyramide Signal Amplification (TSA(TM)) reagent. Optimal concentrations and conditions may vary.
Information and photo are courtesy of the Tissue Profiling group, SciLifeLab Stockholm.
Neutralization: To yield one-half maximal inhibition [ND₅₀] of the biological activity of Rat IL-1alpha (50 pg/ml), a concentration of 0.011 - 0.017 µg/ml of this antibody is required..
Reconstitution: Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.