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## Product Datasheet

### Anti-Rat IL-6 Antibody, Goat, Polyclonal ABT-ABG10294-U050

Article Name	Anti-Rat IL-6 Antibody, Goat, Polyclonal
Biozol Catalog Number	ABT-ABG10294-U050
Supplier Catalog Number	ABG10294-U050
Alternative Catalog Number	ABT-ABG10294-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 recombinant Rat IL-6. Anti-Rat IL-6 specific antibody was purified by affinity chromatography employing immobilized Rat IL-6 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-6 by Western Blot analysis this antibody can be used at a concentration of 0.1- 0.2 µg/ml. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Rat IL-6 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.. **Sandwich:** To detect Rat IL-6 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-6 (62-006GBT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Rat IL-6.. **Immunohistochemistry:** This antibody stained colchicine injected rat brain (cingulate cortex) 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 [ND<sub>50</sub>] of the biological activity of Rat IL-6 (0.1 ng/ml), a concentration of 0.12-0.18 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.