

## IL6 antibody

**Cat. No. GTX29770**

|                     |  |
|---------------------|--|
| <b>Host</b>         | Goat   |
| <b>Clonality</b>    | Polyclonal   |
| <b>Isotype</b>      | IgG  |
| <b>Applications</b> | WB, IHC-P, ELISA, Neutralizing /Inhibition, Sandwich ELISA |
| <b>Reactivity</b>   | Rat  |

**Package**  
50 µg

## Applications

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution       | Recommended dilution |
|--------------------------|----------------------|
| WB                       | 0.1 - 0.2 µg/mL      |
| IHC-P                    | Assay dependent      |
| ELISA                    | 0.5 µg/mL            |
| Neutralizing /Inhibition | 0.3 - 0.5 µg/mL      |
| Sandwich ELISA           | 0.5 - 2.0 µg/ml      |

**Note : To yield one-half maximal inhibition [ND<sub>50</sub>] of the biological activity of Rat IL-6 (0.5 ng/mL)  
Capture : GTX29770, Detection : Biotinylated Anti-Rat IL-6 antibody**

Not tested in other applications.

**Calculated MW** 24 kDa. ( [Note](#) )

## Properties

|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | PBS  |
| <b>Preservative</b>  | No preservatives   |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| <b>Concentration</b> | Batch dependent (Please refer to the vial label for the specific concentration.)   |
| <b>Immunogen</b>     | Produced from sera of goats pre-immunized with highly pure (>98%) recombinant Rat IL-6.  |
| <b>Purification</b>  | Purified by antigen-affinity chromatography  |
| <b>Conjugation</b>   | Unconjugated   |

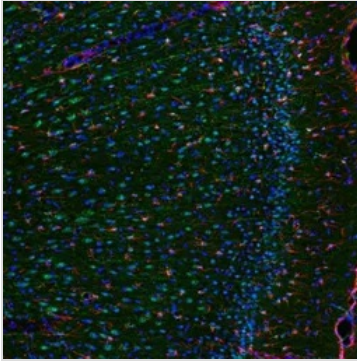


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**Note**  
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## DATA IMAGES

**GTX29770 IHC-P Image**

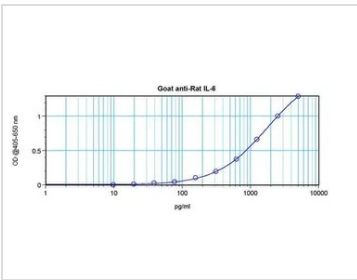
IHC-P analysis of colchicine injected rat brain (cingulate cortex) tissue using GTX29770 IL6 antibody.

Working concentration : 1 µg/ml

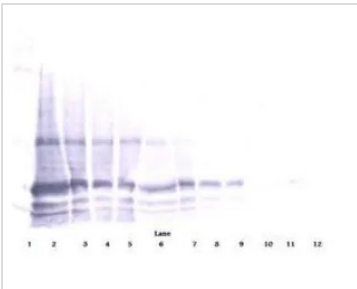
Green : Primary antibody

Blue : DAPI

Red : Actin

**GTX29770 ELISA Image**

ELISA analysis of rat IL-6 recombinant protein(0.2 - 0.4 ng/well) using GTX29770 IL6 antibody(capture antibody) at 0.5 - 2.0 ug/ml and Biotinylated Anti-Rat IL-6 as a detection antibody.

**GTX29770 WB Image**

WB analysis of sequential diluted rat IL-6 under either reducing or non-reducing conditions using GTX29770 IL6 antibody.

Working concentration : 0.1 - 0.2 ug/ml



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