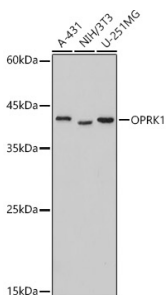


# Anti-Kappa Opioid Receptor Antibody (A89716)

## Specifications:

|                        |  |
|------------------------|--|
| Name:                  | Anti-Kappa Opioid Receptor Antibody  |
| Description:           | Rabbit polyclonal antibody to Kappa Opioid Receptor.   |
| Applications:          | WB, IHC, ICC/IF  |
| Recommended Dilutions: | WB: 1:500-1:1,000, IHC: 1:50-1:200, ICC/IF: 1:50-1:200   |
| Reactivity:            | Human, Mouse, Rat  |
| Immunogen:             | A synthetic peptide corresponding to a sequence within amino acids 300 to the C-terminus of human OPRK1 (NP_000903.2). |
| Sequence:              | GSTSHSTAALSSYYFCIALGYTNSSLNPILYAFLDENFKRCFRDFCFPLKMRMERQST<br>SRVRNTVQDPAYLRDIDGMNKPV                                  |
| Host:                  | Rabbit   |
| Clonality:             | Polyclonal   |
| Isotype:               | IgG  |
| Conjugate:             | Unconjugated   |
| Purification:          | Affinity purification.   |
| Molecular Weight:      | 43 kDa   |
| Product Form:          | Liquid   |
| Formulation:           | Supplied in Phosphate Buffered Saline, pH 7.3, with 50% Glycerol and 0.01% Thiomersal.                                 |
| Storage:               | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.                                  |
| Disclaimer:            | This product is for research use only. It is not intended for diagnostic or therapeutic use.                           |

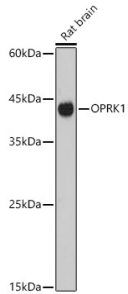
## Images:



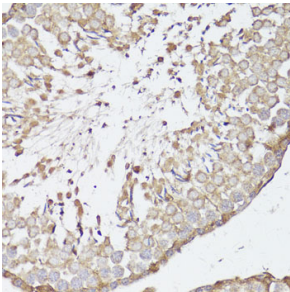
Western blot analysis of various lysates, using Anti-Kappa Opioid Receptor Antibody (A89716) at 1:1,000 dilution. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25µg per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 180s.

## Anti-Kappa Opioid Receptor Antibody (A89716)

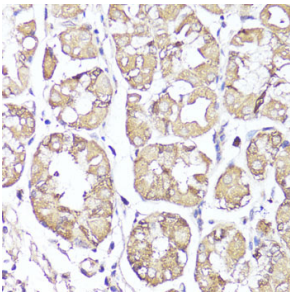
Images continued:



Western blot analysis of Rat brain, using Anti-Kappa Opioid Receptor Antibody (A89716) at 1:1,000 dilution. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25 $\mu$ g per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded rat testis using Anti-Kappa Opioid Receptor Antibody (A89716) at a dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human stomach using Anti-Kappa Opioid Receptor Antibody (A89716) at a dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.