# Copine 8 Polyclonal Antibody
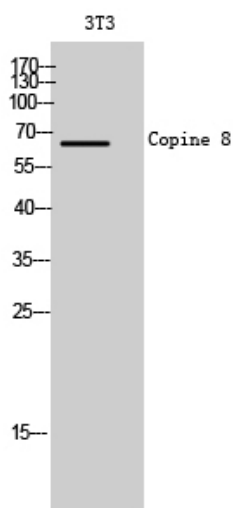
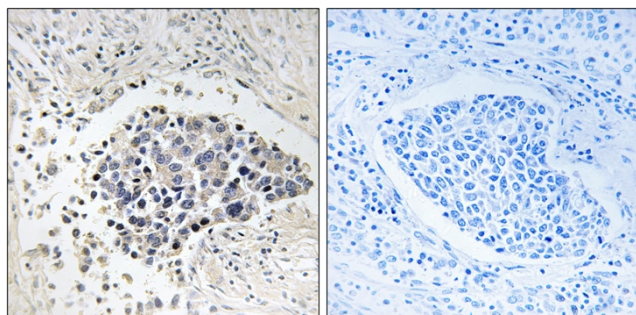| | |
|---|---|
| **Catalog No** | YP-Ab-00688 |
| **Isotype** | IgG |
| **Reactivity** | Human;Mouse;Rat |
| **Applications** | WB;IHC;IF;ELISA |
| **Gene Name** | CPNE8 |
| **Protein Name** | Copine-8 |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from human CPNE8. AA range:11-60 |
| **Specificity** | Copine 8 Polyclonal Antibody detects endogenous levels of Copine 8 protein. |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Source** | Polyclonal, Rabbit,IgG |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Dilution** | WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200 |
| **Concentration** | 1 mg/ml |
| **Purity** | ≥90% |
| **Storage Stability** | -20°C/1 year |
| **Synonyms** | CPNE8; Copine-8; Copine VIII |
| **Observed Band** | 65kD |
| **Cell Pathway** | extracellular exosome, |
| **Tissue Specificity** | Brain,Hippocampus, |
| **Function** | function:May function in membrane trafficking. Exhibits calcium-dependent phospholipid binding properties.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the copine family.,similarity:Contains 1 VWFA domain.,similarity:Contains 2 C2 domains., |
| **Background** | copine 8(CPNE8) Homo sapiens　　Calcium-dependent membrane-binding proteins may regulate molecular events at the interface of the cell membrane and cytoplasm. This gene is one of several genes that encode a calcium-dependent protein containing two N-terminal type II C2 domains and an integrin A domain-like sequence in the C-terminus. [provided by RefSeq, Jul 2008], |
| **matters needing attention** | Avoid repeated freezing and thawing! |

**Usage suggestions**　This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of 3T3 cells using Copine 8 Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using CPNE8 Antibody. The picture on the right is blocked with the synthesized peptide.