

## Anti-RUFY3 Polyclonal Antibody

Cat: AC51495

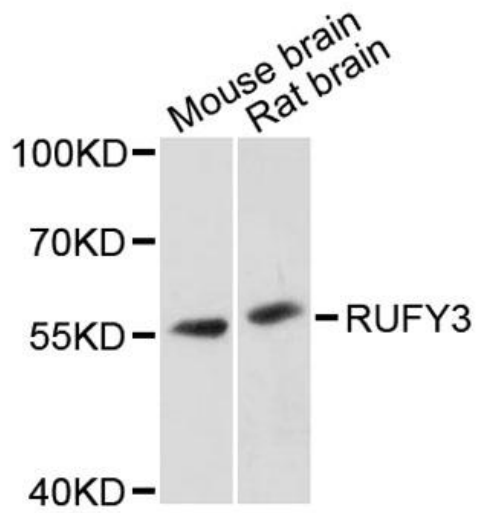
### Summary:

- 【Product name】** : Anti-RUFY3 antibody      **【Source】** : Rabbit  
**【Isotype】** : IgG      **【Species reactivity】** : Mouse Rat  
**【Swiss Prot】** : Q7L099      **【Gene ID】** : 22902  
**【Calculated】** : MW:53kDa      **【Observed】** : MW:55/60kDa  
**【Purification】** : Affinity purification  
**【Tested applications】** : WB  
**【Recommended dilution】** : WB 1:500-2000.  
**【WB Positive sample】** : Mouse brain,Rat brain  
**【Subcellular location】** : Cell projection Cytoplasm Endomembrane system Perikaryon filopodium  
growth cone invadopodium lamellipodium  
**【Immunogen】** : Recombinant protein of human RUFY3  
**【Storage】** : Shipped at 4°C. Upon delivery aliquot and store at -20°C

### Background:

This gene encodes a RPIP8, UNC-14, and NESCA domain-containing protein that is required for maintenance of neuronal polarity. In addition, it has been implicated in mediation of gastric cancer cell migration and invasion via interaction with P21-activated kinase-1, which promotes its expression. The encoded protein localizes to F-actin-enriched invadopodia to induce formation of protrusions, thereby facilitating cell migration. Alternative splicing results in multiple transcript variants.

## Verified picture



Western blot analysis with RUFY3 antibody  
diluted at 1:1000