



# TRPA1 Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-07861                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Applications</b>                | WB IF;ELISA                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Gene Name</b>                   | TRPA1 ANKTM1                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Immunogen</b>                   | Synthesized peptide derived from part region of human protein                                                                                                                                                                                                                                                                                                                                                            |
| <b>Specificity</b>                 | TRPA1 Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                                                                          |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                    |
| <b>Dilution</b>                    | WB 1:500-2000 IF 1:100-300 ELISA 1:5000-20000 Not yet tested in other applications.                                                                                                                                                                                                                                                                                                                                      |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Synonyms</b>                    | ANKTM1;p120;Wasabi recepto;TRPA1;TRPA1 ANKTM1;Transient receptor potential cation channel subfamily A member 1 (Ankyrin-like with transmembrane domains protein 1) (Transformation-sensitive protein p120)                                                                                                                                                                                                               |
| <b>Observed Band</b>               | 123kD                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Calculated Molecular Weight</b> | 123kD                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Cell Pathway</b>                | Cell membrane ; Multi-pass membrane protein .                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Tissue Specificity</b>          | Expressed at very low levels in fibroblasts.                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Function</b>                    |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Background</b>                  | transient receptor potential cation channel subfamily A member 1(TRPA1) Homo sapiens The structure of the protein encoded by this gene is highly related to both the protein ankyrin and transmembrane proteins. The specific function of this protein has not yet been determined; however, studies indicate the function may involve a role in signal transduction and growth control. [provided by RefSeq, Jul 2008], |

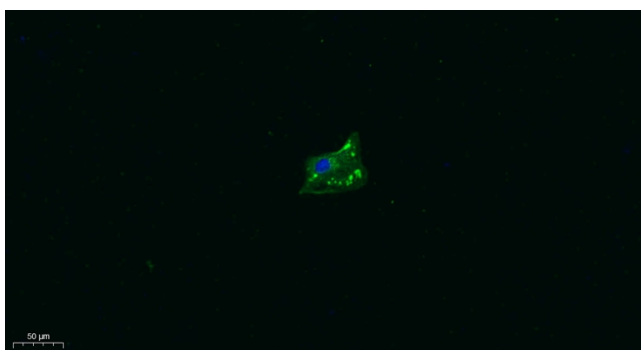
**matters needing attention**

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



Immunofluorescence analysis of A549. 1, primary Antibody was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 488 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, Picture B: DAPI(blue) 10min.