



# ABHD2 Polyclonal Antibody

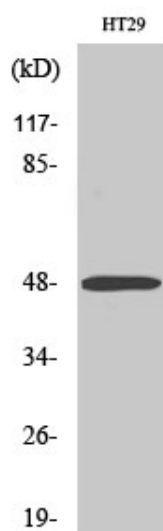
|                                  |   |
|----------------------------------|---|
| <b>Catalog No</b>                | YP-Ab-02455   |
| <b>Isotype</b>                   | IgG   |
| <b>Reactivity</b>                | Human;Mouse   |
| <b>Applications</b>              | WB;IF;ELISA   |
| <b>Gene Name</b>                 | ABHD2   |
| <b>Protein Name</b>              | Abhydrolase domain-containing protein 2   |
| <b>Immunogen</b>                 | The antiserum was produced against synthesized peptide derived from human ABHD2. AA range:251-300   |
| <b>Specificity</b>               | ABHD2 Polyclonal Antibody detects endogenous levels of ABHD2 protein.   |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, 0.5% BSA 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>                  | Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. 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>                  | ABHD2; LABH2; Abhydrolase domain-containing protein 2; Lung alpha/beta hydrolase 2; Protein PHPS1-2   |
| <b>Observed Band</b>             | 48kD  |
| <b>Cell Pathway</b>              | Cell projection, cilium, flagellum membrane ; Single-pass type II membrane protein . Cell membrane ; Single-pass type II membrane protein .   |
| <b>Tissue Specificity</b>        | Present in sperm (at protein level).  |
| <b>Function</b>                  | caution:Was originally (PubMed:2843827) thought to be a G-coupled receptor.,function:May play a role in smooth muscle cells migration.,similarity:Belongs to the AB hydrolase superfamily. AB hydrolase 4 family.,  |
| <b>Background</b>                | This gene encodes a protein containing an alpha/beta hydrolase fold, which is a catalytic domain found in a very wide range of enzymes. The function of this protein has not been determined. Alternative splicing of this gene results in two transcript variants encoding the same protein. [provided by RefSeq, Jul 2008], |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!  |



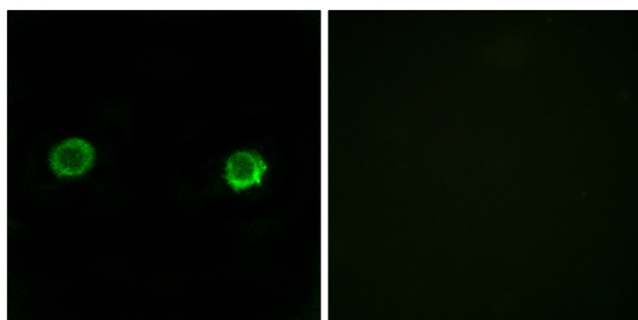
## Usage suggestions

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

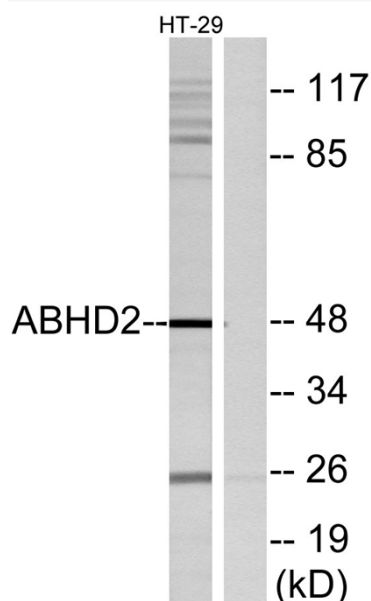
## Products Images



Western Blot analysis of various cells using ABHD2 Polyclonal Antibody



Immunofluorescence analysis of MCF-7 cells, using ABHD2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HT29 cells, using ABHD2 Antibody. The lane on the right is blocked with the synthesized peptide.