



# ASAH3L Polyclonal Antibody

|                           |                                                                                                                                                                                                                                                                                                                |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>         | BYab-02887                                                                                                                                                                                                                                                                                                     |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                            |
| <b>Reactivity</b>         | Human;Mouse;Monkey                                                                                                                                                                                                                                                                                             |
| <b>Applications</b>       | WB;IHC;IF;ELISA                                                                                                                                                                                                                                                                                                |
| <b>Gene Name</b>          | ACER2                                                                                                                                                                                                                                                                                                          |
| <b>Protein Name</b>       | Alkaline ceramidase 2                                                                                                                                                                                                                                                                                          |
| <b>Immunogen</b>          | Synthesized peptide derived from ASAH3L . at AA range: 50-130                                                                                                                                                                                                                                                  |
| <b>Specificity</b>        | ASAH3L Polyclonal Antibody detects endogenous levels of ASAH3L 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>           | WB: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000.. IF 1:50-200                                                                                                                                                                                                                                           |
| <b>Concentration</b>      | 1 mg/ml                                                                                                                                                                                                                                                                                                        |
| <b>Purity</b>             | ≥90%                                                                                                                                                                                                                                                                                                           |
| <b>Storage Stability</b>  | -20°C/1 year                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>           | ACER2; ASAH3L; PP11646; Alkaline ceramidase 2; AlkCDase 2; Alkaline CDase 2; haCER2; Acylsphingosine deacylase 3-like; N-acylsphingosine amidohydrolase 3-like                                                                                                                                                 |
| <b>Observed Band</b>      | 33kD                                                                                                                                                                                                                                                                                                           |
| <b>Cell Pathway</b>       | Golgi apparatus membrane ; Multi-pass membrane protein .                                                                                                                                                                                                                                                       |
| <b>Tissue Specificity</b> | Highly expressed in placenta.                                                                                                                                                                                                                                                                                  |
| <b>Function</b>           | catalytic activity:N-acylsphingosine + H(2)O = a carboxylate + sphingosine.,function:Hydrolyzes the sphingolipid ceramide into sphingosine and free fatty acid.,similarity:Belongs to the alkaline ceramidase family.,                                                                                         |
| <b>Background</b>         | The sphingolipid metabolite sphingosine-1-phosphate promotes cell proliferation and survival, whereas its precursor, sphingosine, has the opposite effect. The ceramidase ACER2 hydrolyzes very long chain ceramides to generate sphingosine (Xu et al., 2006 [PubMed 16940153]).[supplied by OMIM, Jul 2010], |

**Nanjing BYabscience technology Co.,Ltd**

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**matters needing attention**

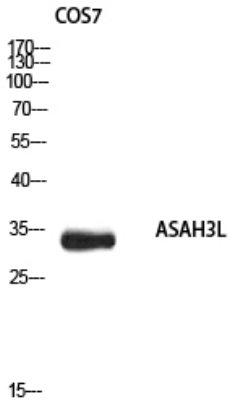
Avoid repeated freezing and thawing!

**Usage suggestions**

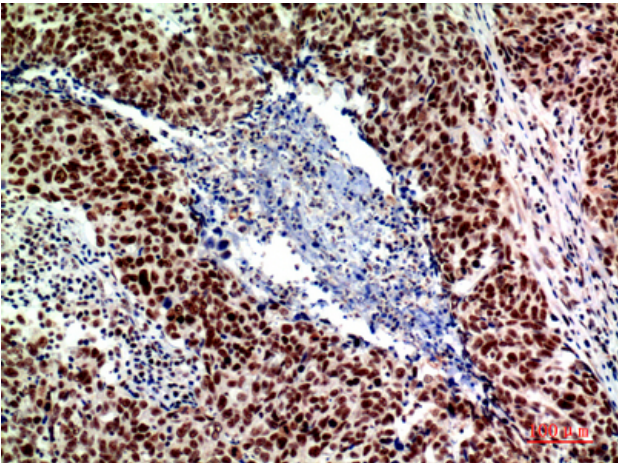
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



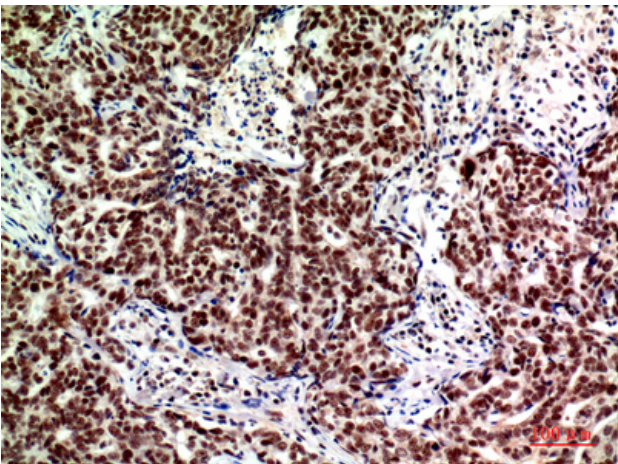
## Products Images



Western blot analysis of COS7 using ASAH3L antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-breast-cancer, antibody was diluted at 1:200



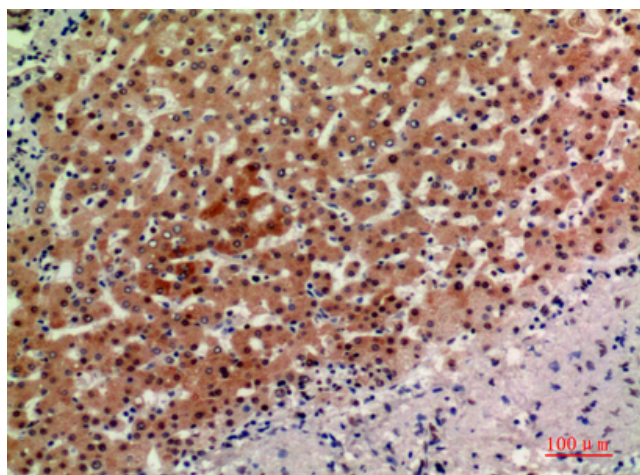
Immunohistochemical analysis of paraffin-embedded human-breast-cancer, antibody was diluted at 1:200

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Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:200