

## ASAH3L Polyclonal Antibody

|                              |   |
|------------------------------|---|
| <b>Catalog No :</b>          | YT5673  |
| <b>Reactivity :</b>          | Human;Mouse;Monkey  |
| <b>Applications :</b>        | WB;IHC;IF;ELISA   |
| <b>Target :</b>              | ASAH3L  |
| <b>Fields :</b>              | >>Sphingolipid metabolism;>>Metabolic pathways;>>Sphingolipid signaling pathway                                       |
| <b>Gene Name :</b>           | ACER2   |
| <b>Protein Name :</b>        | Alkaline ceramidase 2   |
| <b>Human Gene Id :</b>       | 340485  |
| <b>Human Swiss Prot No :</b> | Q5QJU3  |
| <b>Mouse Gene Id :</b>       | 230379  |
| <b>Mouse Swiss Prot No :</b> | Q8VD53  |
| <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>Dilution :</b>            | WB 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:10000.. IF 1:50-200   |
| <b>Purification :</b>        | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Concentration :</b>       | 1 mg/ml   |

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 33kD

**Cell Pathway :** Sphingolipid metabolism;

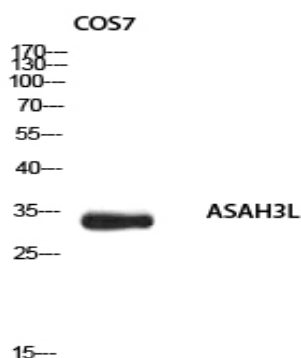
**Background :** The sphingolipid metabolite sphingosine-1-phosphate promotes cell proliferation and survival, whereas its precursor, sphingosine, has the opposite effect. The ceramidase ACER2 hydrolyzes very long chain ceramides to generate sphingosine (Xu et al., 2006 [PubMed 16940153]).[supplied by OMIM, Jul 2010],

**Function :** 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.,

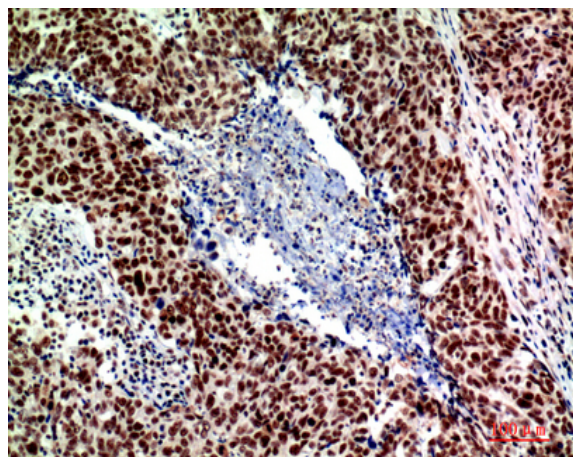
**Subcellular Location :** Golgi apparatus membrane ; Multi-pass membrane protein .

**Expression :** Highly expressed in placenta.

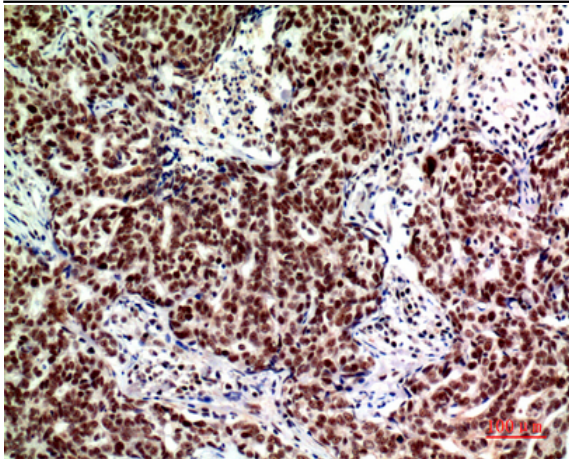
## Products Images



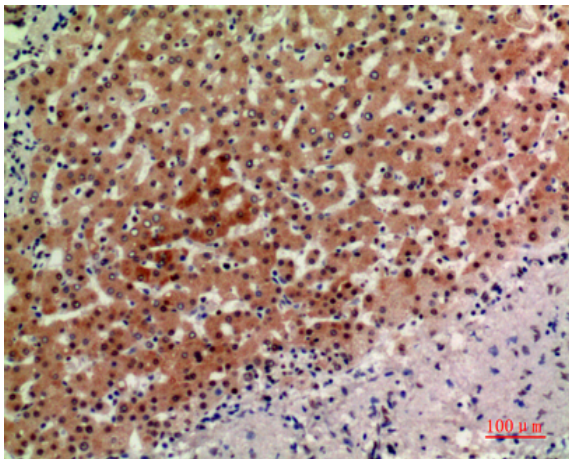
Western blot analysis of COS7 using ASA3L antibody.  
Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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



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