

## 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;

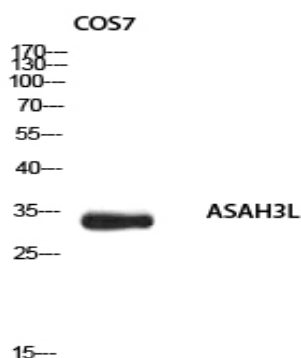
**Background :** The sphingolipid metabolite sphingosine-1-phosphate promotes cell proliferation and survival, whereas its precursor, sphingosine, has the opposite effect. The ceramidase ACER2 hydrolyzes very long chain ceramides to generate sphingosine (Xu et al., 2006 [PubMed 16940153]).[supplied by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

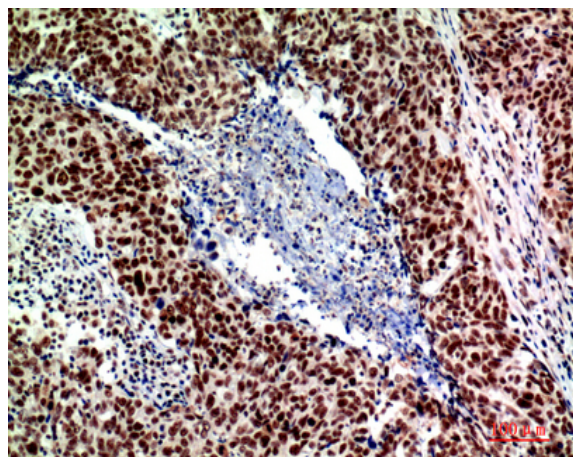
**Subcellular Location :** Golgi apparatus membrane ; Multi-pass membrane protein .

**Expression :** Highly expressed in placenta.

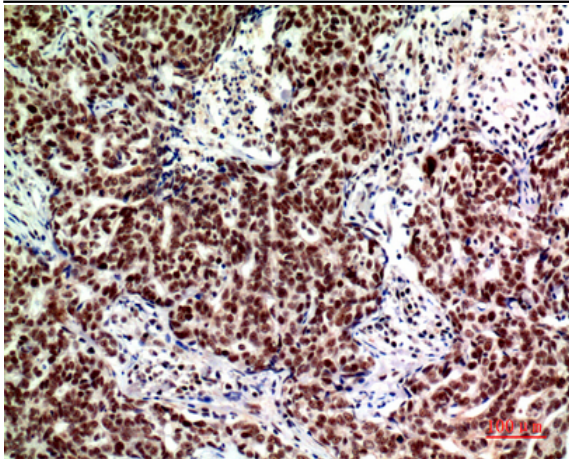
## Products Images



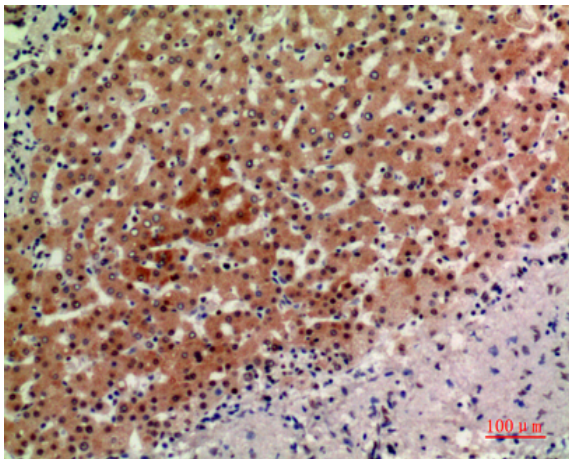
Western blot analysis of COS7 using ASA3L antibody.  
Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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