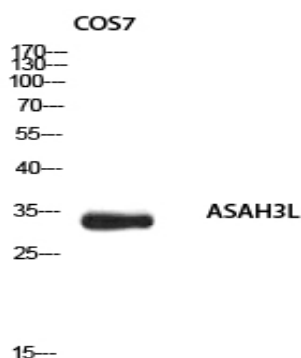


ASA3L Polyclonal Antibody

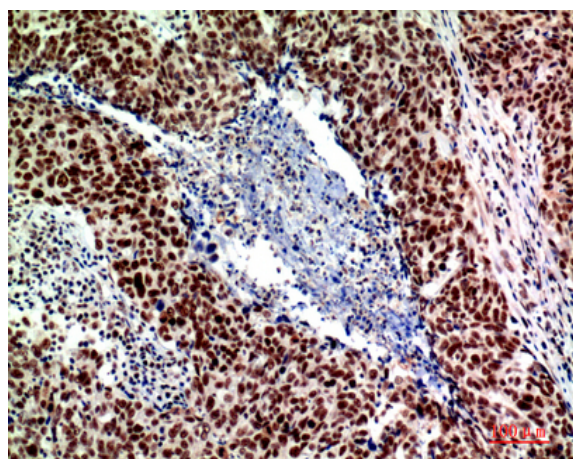
Catalog No :	YT5673
Reactivity :	Human;Mouse;Monkey
Applications :	WB;IHC;IF;ELISA
Target :	ASA3L
Fields :	>>Sphingolipid metabolism;>>Metabolic pathways;>>Sphingolipid signaling pathway
Gene Name :	ACER2
Protein Name :	Alkaline ceramidase 2
Human Gene Id :	340485
Human Swiss Prot No :	Q5QJU3
Mouse Gene Id :	230379
Mouse Swiss Prot No :	Q8VD53
Immunogen :	Synthesized peptide derived from ASA3L . at AA range: 50-130
Specificity :	ASA3L Polyclonal Antibody detects endogenous levels of ASA3L protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:10000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	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.

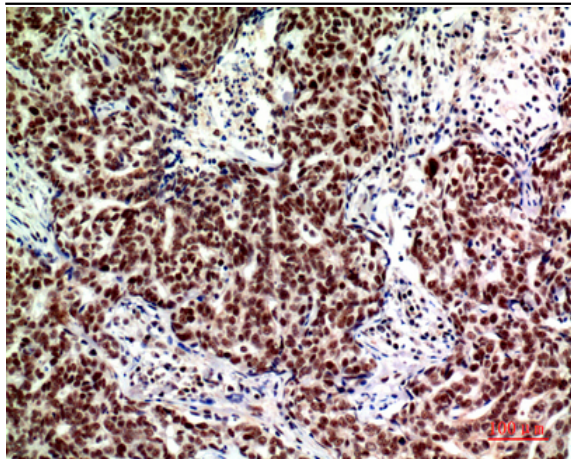
Products Images



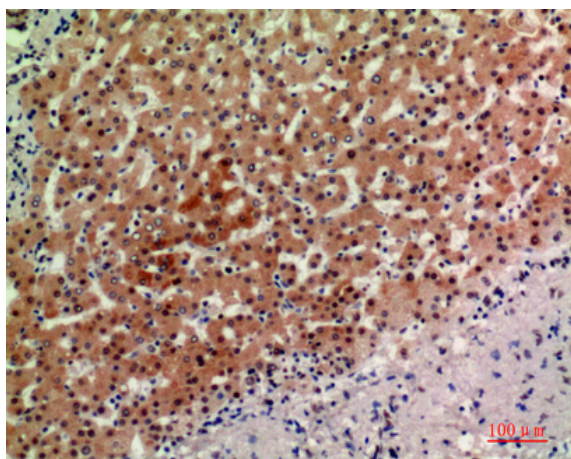
Western blot analysis of COS7 using ASAH3L antibody.
Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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



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