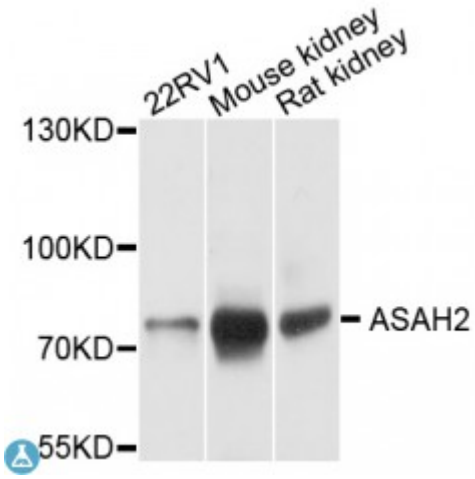
Anti-ASAH2 Antibody



Model	STJ114470
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 80-340 of human ASAH2 (NP_001137446.1).
Gene ID	56624
Gene Symbol	ASAH2
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Primarily expressed in the intestine , According to PubMed:17334805, ubiquitous expression attributed to ASAH2 may be actually that of the paralog ASAH2B
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Neutral ceramidase N-CDase NCDase
Molecular Weight	85.516 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.

Database Links	HGNC:18860OMIM:611202Reactome:R-HSA-1660662
Alternative Names	Neutral ceramidase N-CDase NCDase
Function	Hydrolyzes the sphingolipid ceramide into sphingosine and free fatty acid at an optimal pH of 6,5-8,5, Acts as a key regulator of sphingolipid signaling metabolites by generating sphingosine at the cell surface, Acts as a repressor of apoptosis both by reducing C16-ceramide, thereby preventing ceramide-induced apoptosis, and generating sphingosine, a precursor of the antiapoptotic factor sphingosine 1-phosphate, Probably involved in the digestion of dietary sphingolipids in intestine by acting as a key enzyme for the catabolism of dietary sphingolipids and regulating the levels of bioactive sphingolipid metabolites in the intestinal tract,
Cellular Localization	Cell membrane,
Post-translational Modifications	N-glycosylated, Required for enzyme activity ,