

Anti-ASAH2 Polyclonal Antibody

Cat: AC51437

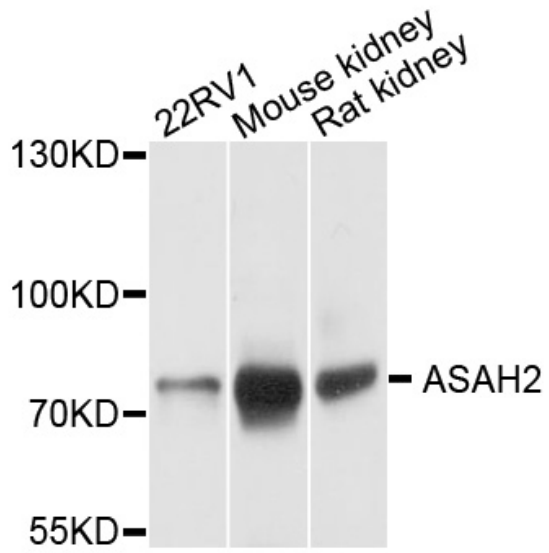
Summary:

- 【Product name】** : Anti-ASAH2 antibody **【Source】** : Rabbit
【Isotype】 : IgG **【Species reactivity】** : Human Mouse Rat
【Swiss Prot】 : Q9NR71 **【Gene ID】** : 56624
【Calculated】 : MW:86kDa **【Observed】** : MW:80kDa
【Purification】 : Affinity purification
【Tested applications】 : WB
【Recommended dilution】 : WB 1:500-2000.
【WB Positive sample】 : 22RV1,Mouse kidney,Rat kidney
【Subcellular location】 : Cell membrane Single-pass type II membrane protein
【Immunogen】 : Recombinant protein of human ASAH2
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C

Background:

Ceramidases (EC 3.5.1.23), such as ASAH2, catalyze hydrolysis of the N-acyl linkage of ceramide, a second messenger in a variety of cellular events, to produce sphingosine. Sphingosine exerts both mitogenic and apoptosis-inducing activities, and its phosphorylated form functions as an intra- and intercellular second messenger (see MIM 603730) (Mitsutake et al., 2001 [PubMed 11328816]).

Verified picture



Western blot analysis with ASAH2 antibody
diluted at 1:1000