

32-6046: Mouse Anti Human arsaA Arsenite Transporter, ATP-Binding, Homolog 1(Clone: PAT2A1ATe)

Clonality :	Monoclonal
Clone Name :	PAT2A1ATe
Application :	ELISA, WB
Gene :	ASNA1
Gene ID :	439
Uniprot ID :	O43681
Format :	Purified
Alternative Name :	ArsA Arsenite Transporter ATP-Binding Homolog 1 (Bacterial), Arsenical Pump-Driving ATPase, Transmembrane Domain Recognition Complex 40kDa, TRC40. ASNA-I, ATPase ASNA1, ARSA-I, GET3, Golgi To ER Traffic 3 Homolog, Arsenite-Stimulated ATPase, Transmem
Isotype :	Mouse IgG2b heavy chain and k light chain.
Immunogen Information :	Anti-human ASNA1 mAb, clone PAT2A1AT, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human ASNA1 protein 1-348 amino acids purified from E. coli.

Description

ArsA Arsenite Transporter, ATP-Binding, Homolog 1 (ASNA1) is a part of the arsa ATPase family. ASNA1 is the human homolog of the bacterial arsa gene. Arsa ATPase is the catalytic component of a multisubunit oxyanion pump In E.coli, which is in charge for resistance to arsenicals and antimonials. ASNA1 is also a main component of a transmembrane domain (TMD) recognition complex (TRC) which is involved in the post-translational delivery of tail-anchored (TA) proteins from the cytosol to the endoplasmic reticulum (ER).

Product Info

Amount :	20 µg
Purification :	ASNA1 antibody was purified from mouse ascitic fluids by protein-A affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.02% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended starting dilution is 1:1000.