

Anti-SSR3 Antibody

Catalog # ABO11105

Product Information

Application	WB, IHC-P, ICC
Primary Accession	Q9UNL2
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Translocon-associated protein subunit gamma(SSR3) detection. Tested with WB, IHC-P, ICC in Human;Mouse;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	6747
Other Names	Translocon-associated protein subunit gamma, TRAP-gamma, Signal sequence receptor subunit gamma, SSR-gamma, SSR3, TRAPG
Calculated MW	21080
Application Details	Immunocytochemistry , 0.5-1 μ g/ml, Human, Mouse, Rat Immunohistochemistry(Paraffin-embedded Section), 0.5-1 μ g/ml, Human, Mouse, Rat, By Heat Western blot, 0.1-0.5 μ g/ml, Human, Rat, Mouse
Subcellular Localization	Endoplasmic reticulum membrane; Multi-pass membrane protein.
Source	Eukaryota
Protein Name	Translocon-associated protein subunit gamma(TRAP-gamma)
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃ N.
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human SSR3(8-23aa KQQSEEDLLLQDFSRN), identical to the related rat and mouse sequences.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20° C for one year. After r° Constitution, at 4° C for one month. It° Can also

be aliquotted and stored frozen at -20 °C for a longer time.Avoid repeated freezing and thawing.

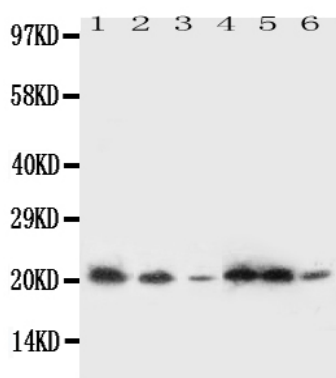
Protein Information

Name	SSR3
Synonyms	TRAPG
Function	TRAP proteins are part of a complex whose function is to bind calcium to the ER membrane and thereby regulate the retention of ER resident proteins.
Cellular Location	Endoplasmic reticulum membrane; Multi-pass membrane protein

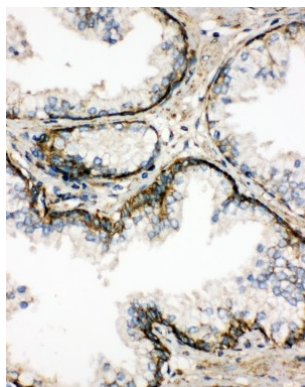
Background

SSR3(signal sequence receptor, gamma) is also known as TRAPG. By immunoaffinity chromatography, biochemical purification, peptide sequence analysis, and screening of a rat liver cDNA library, Hartmann et al.(1993) obtained a cDNA encoding Ssr3, which they termed Trap-gamma. The deduced 185-amino acid protein spans the membrane 4 times and is expressed as a 20-kD protein. Gross(2012) mapped the SSR3 gene to chromosome 3q25.31 based on an alignment of the SSR3 sequence with the genomic sequence(GRCh37). Hartmann et al.(1993)found that Ssr3 was associated in equal amounts with Ssr1, Ssr2, and Ssr4 in canine pancreatic microsomes.

Images

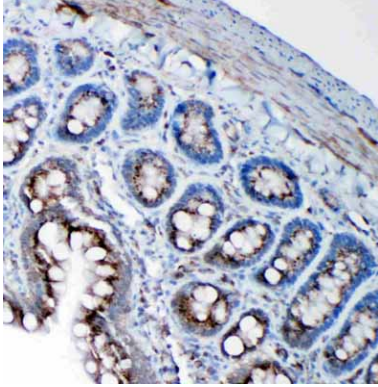
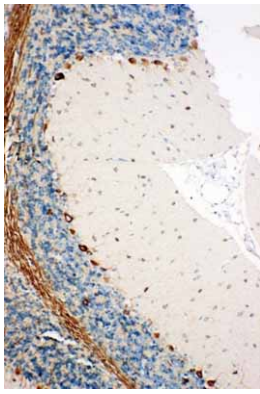


Anti-SSR3 antibody, ABO11105, Western blottingAll lanes:
Anti SSR3 (ABO11105) at 0.5ug/mlLane 1: Rat Liver Tissue Lysate at 50ugLane 2: Rat Spleen Tissue Lysate at 50ugLane 3: A431 Whole Cell Lysate at 40ugLane 4: HELA Whole Cell Lysate at 40ugLane 5: U87 Whole Cell Lysate at 40ugLane 6: SMMC Whole Cell Lysate at 40ugPredicted bind size: 21KDObserved bind size: 21KD



Anti-SSR3 antibody, ABO11105, IHC(P)IHC(P): Human Prostatic Cancer Tissue

Anti-SSR3 antibody, ABO11105, IHC(P)IHC(P): Rat Brain Tissue



Anti-SSR3 antibody, ABO11105, IHC(P)IHC(P): Rat Intestine Tissue

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.