

Datasheet for ABIN2782211  
**anti-SSR1 antibody (N-Term)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	SSR1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Dog, Rat, Cow, Horse, Rabbit, Guinea Pig, Zebrafish (Danio rerio), Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SSR1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SSR1
Sequence:	DDEAEVEEDE PTDLVEDKEE EDVSGEPEAS PSADTTILFV KGEDFPANNI
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Yeast: 91%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against SSR1. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

## Target Details

Target:	SSR1
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## Target Details

Alternative Name: SSR1 ([SSR1 Products](#))

Background: The signal sequence receptor (SSR) is a glycosylated endoplasmic reticulum (ER) membrane receptor associated with protein translocation across the ER membrane. The SSR consists of 2 subunits, a 34-kD glycoprotein encoded by this gene and a 22-kD glycoprotein. The signal sequence receptor (SSR) is a glycosylated endoplasmic reticulum (ER) membrane receptor associated with protein translocation across the ER membrane. The SSR consists of 2 subunits, a 34-kD glycoprotein encoded by this gene and a 22-kD glycoprotein. This gene generates several mRNA species as a result of complex alternative polyadenylation. This gene is unusual in that it utilizes arrays of polyA signal sequences that are exclusively non-canonical.

Alias Symbols: DKFZp781N23103, TRAPA

Protein Interaction Partner: HUWE1, ILK, EDEM1, SERPINF2, SERPINA1, ODC1, MYC, HSPA5, MDC1, SFXN1, HM13, ACAD9, FKBP8, CCT5, CCT2, CCT4, TCP1, SRSF1, PSAP, HNRNPM, ILF3, FLOT2, ABCC2, ATP6V1C1, FBXO6, CAND1, CUL3, ELAVL1, HDGF, UBC, SUMO2, HSPA13, UTP14A, NUP54, DKC1, PTN, EEF1A1,

Protein Size: 286

Molecular Weight: 32 kDa

Gene ID: 6745

NCBI Accession: [NM\\_003144](#), [NP\\_003135](#)

UniProt: [P43307](#)

Pathways: [ER-Nucleus Signaling](#)

## Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 286 AA

Restrictions: For Research Use only

## Handling

Format: Liquid

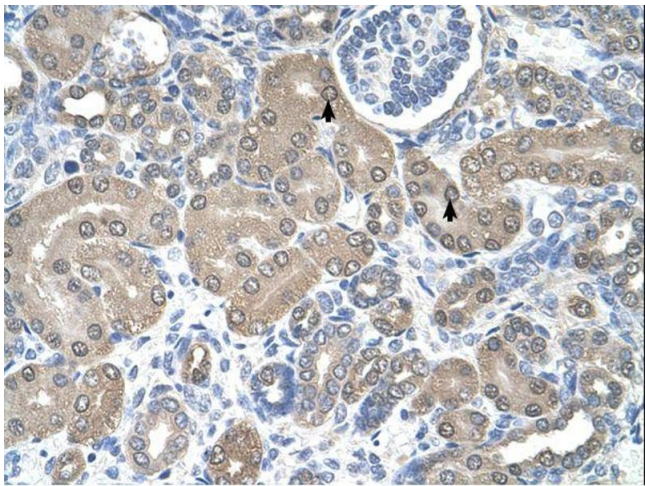
Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

# Handling

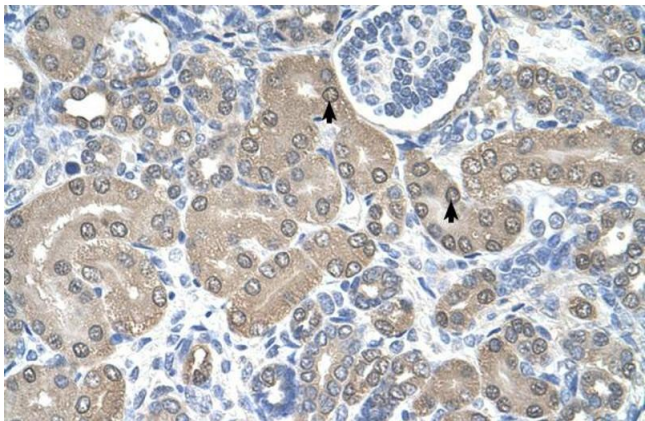
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

# Images



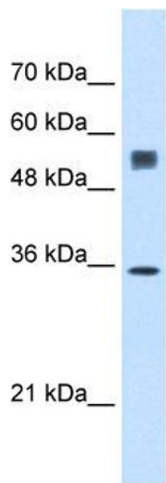
Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2. Human kidney



Western Blotting

**Image 3.** WB Suggested Anti-SSR1 Antibody Titration: 0.5ug/ml Positive Control: HepG2 cell lysate SSR1 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells