

## ARG64054 anti-SBP2 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes SBP2
Tested Reactivity	Hu, Ms
Predict Reactivity	Cow, Dog, Pig
Tested Application	ICC/IF, IHC-P, IP, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	SBP2
Species	Human
Immunogen	C-KERQERKQRLQEN
Conjugation	Un-conjugated
Alternate Names	Selenocysteine insertion sequence-binding protein 2; SBP2; SECIS-binding protein 2

### Application Instructions

Application table	Application	Dilution
	ICC/IF	Assay - dependent
	IHC-P	3 µg/ml
	IP	Assay - dependent
	WB	0.1 - 0.3 µg/ml
Application Note	IHC-P: Antigen Retrieval: Microwaved tissue section in Tris/EDTA buffer (pH 9.0). WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

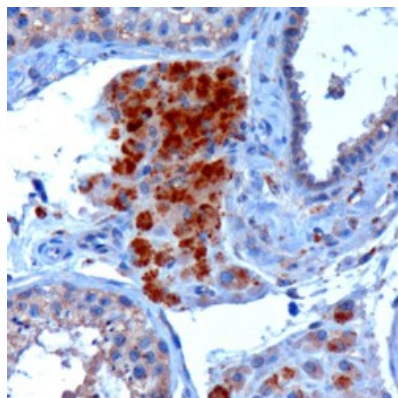
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Database links	<a href="#">GeneID: 79048 Human</a> <a href="#">Swiss-port # Q96T21 Human</a>
Background	<p>The incorporation of selenocysteine into a protein requires the concerted action of an mRNA element called a sec insertion sequence (SECIS), a selenocysteine-specific translation elongation factor and a SECIS binding protein. With these elements in place, a UGA codon can be decoded as selenocysteine. The gene described in this record encodes a nuclear protein that functions as a SECIS binding protein. Mutations in this gene have been associated with a reduction in activity of a specific thyroxine deiodinase, a selenocysteine-containing enzyme, and abnormal thyroid hormone metabolism. [provided by RefSeq, Jul 2008]</p>
Research Area	Cell Biology and Cellular Response antibody; Gene Regulation antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	95 kDa

## Images



ARG64054 anti-SBP2 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Testis. (Microwaved antigen retrieval with Tris/EDTA buffer pH9) stained with ARG64054 anti-SBP2 antibody at 3 µg/ml dilution followed by HRP-staining.



ARG64054 anti-SBP2 antibody WB image

Western blot: HFF cell lysate with A) control siRNA or B) 100 nM siRNA. The blots were stained with ARG64054 anti-SBP2 antibody.