

## Stonin-1 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP08663
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human STON1. AA range:686-735
<b>Mol wt</b>	83141
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Stonin-1 Antibody
<b>Synonyms</b>	STON1; SALF; SBLF; STN1; Stonin-1; Stoned B-like factor

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

Endocytosis of cell surface proteins is mediated by a complex molecular machinery that assembles on the inner surface of the plasma membrane. STON1 encodes one of two human homologs of the *Drosophila melanogaster* stoned B protein. Stonin-1 is related to components of the endocytic machinery and exhibits a modular structure consisting of an N-terminal proline-rich domain, a central region of homology specific to the human stoned B-like proteins, and a C-terminal region homologous to the mu subunits of adaptor protein (AP) complexes. Read-through transcription of this gene into the neighboring downstream gene, which encodes TFIIA-alpha/beta-like factor, generates a transcript (SALF), which encodes a fusion protein comprised of sequence sharing identity with each individual gene product. Alternative splicing results in multiple transcript variants.

### Recommended Dilution

WB: 1: 500 - 1: 2000

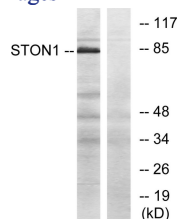
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

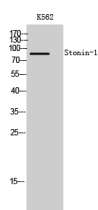
ELISA: 1: 10000

Not yet tested in other applications.

### Images



Western blot analysis of lysates from K562 cells, using STON1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of K562 cells using Stonin-1 Polyclonal Antibody

## Storage

-20°C for one year

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