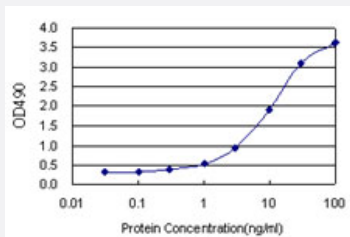


STIP1 (Human) Matched Antibody Pair

Catalog # H00010963-AP11 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from 0.1 ng/ml to 100 ng/ml.

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human STIP1.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Quality Control Testing	Standard curve using recombinant protein (H00010963-P01) as an analyte. Sandwich ELISA detection sensitivity ranging from 0.1 ng/ml to 100 ng/ml.
Supplied Product	Antibody pair set content: 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-STIP1 (100 ug) 2. Detection antibody: mouse monoclonal anti-STIP1, IgG2a Kappa (20 ug) *Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Recombinant protein)

[Protocol Download](#)

Gene Info — STIP1

Entrez GeneID	10963
Gene Name	STIP1
Gene Alias	HOP, IEF-SSP-3521, P60, STI1, STI1L
Gene Description	stress-induced-phosphoprotein 1
Omim ID	605063
Gene Ontology	Hyperlink
Gene Summary	STIP1 is an adaptor protein that coordinates the functions of HSP70 (see HSPA1A; MIM 140550) and HSP90 (see HSP90AA1; MIM 140571) in protein folding. It is thought to assist in the transfer of proteins from HSP70 to HSP90 by binding both HSP90 and substrate-bound HSP70. STIP1 also stimulates the ATPase activity of HSP70 and inhibits the ATPase activity of HSP90, suggesting that it regulates both the conformations and ATPase cycles of these chaperones (Song and Ma sison, 2005 [PubMed 16100115]).[supplied by OMIM]
Other Designations	Hsp70/Hsp90-organizing protein stress-induced-phosphoprotein 1 (Hsp70/Hsp90-organizing protein)

Pathway

- [Prion diseases](#)

Disease

- [Asthma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian cancer](#)