

Rat SAP,PTX2 ELISA Kit

Catalog No: #EK5532

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Rat SAP,PTX2 ELISA Kit
Specificity	Rat
Crossing Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Immunogen Type	NSO,Q21-S228
Other Names	Serum amyloid P-component; SAP; Apcs; Ptx2, Sap;
Accession No.	P23680
Uniprot	P23680
GeneID	29339;
Cell Localization	Secreted.

Application Details

sensitivity:50pg mlDetect Range:1.56ng ml-100ng mlsample_type:cell culture supernates cell lysates tissue homogenates serum and plasma (heparin EDTA).capture_antibody:monoclonal antibody from mousedetection_antibody:polyclonal antibody from goatgene_name:APCSprotein_name:Serum amyloid P-componentgene_full_name:Serum amyloid P-componenttissue_specificity:sequence_similarities:Belongs to the pentaxin family.

tmb_incubation:20-25minresearch_category:kits/ lysates/ other|kits|elisa kits|neuroscience target elisa kits

Product Description

Sandwich High Sensitivity ELISA kit for Quantitative Detection of Rat SAP,PTX2

Background

protein_function:Amyloid P component, serum(SAP), also known as PTX2 or APCS, is the identical serum form of amyloid P component(AP), a 25kDa pentameric protein first identified as the pentagonal constituent of in vivo pathological deposits called "amyloid". It belongs to the pentraxins family, characterised by calcium dependent ligand binding and distinctive flattened beta-jellyroll structure similar to that of the legume lectins. This gene is mapped to 1q23.2. The binding of the encoded protein to proteins in the pathological amyloid cross-beta fold suggests its possible role as a chaperone. This protein is also thought to control the degradation of chromatin. It has been demonstrated that this protein binds to apoptotic cells at an early stage, which raises the possibility that it is involved in dealing with apoptotic cells in vivo.

Note: This product is for in vitro research use only