

S100P Recombinant antibody

Cat:B32011R
Company: Haokebio

Uniprot ID:P25815

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

S100P is a protein consisting of 95 amino acids and a member of the S100 family. By binding to Ca^{2+} ions, the receptor for advanced glycation end products (RAGE), the cytoskeletal protein ezrin, calmodulin-binding protein/Siah-1-interacting protein, and cathepsin D, S100P has been shown to mediate tumor growth, metastasis, and invasion. S100P is highly expressed in the human placenta, gastrointestinal tract, and esophageal mucosa, but is generally negative in the pancreas and liver. Overexpression of S100P has been detected in various cancers, including breast cancer, colon cancer, prostate cancer, pancreatic cancer, and lung cancer, and this protein has been functionally implicated in the carcinogenic process. S100P may act as a diagnostic marker, prognostic/predictive indicator, and therapeutic target for different types of cancers.

Protein full name:

S100 calcium binding protein P

Synonyms:

S100 calcium-binding protein P, S100 calcium binding protein P, Protein S100-P, Protein S100-E, Protein S100 P

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cytoplasm

Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

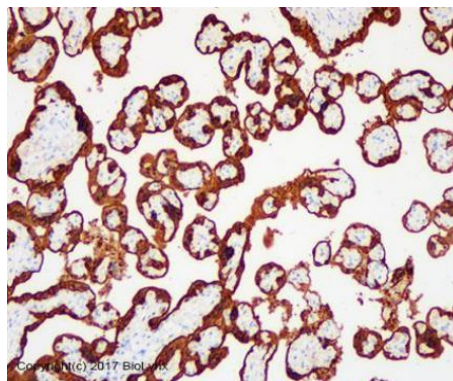
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human placenta tissue, 4% PFA 12-24h

Source of Reagents:

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发表[英文论文]请标注:S100P(B32011R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.