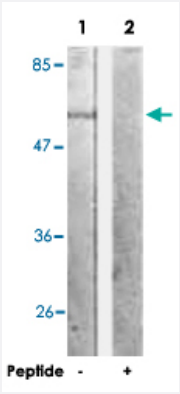
SF1 polyclonal antibody

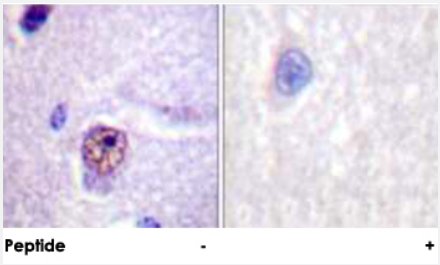
Catalog # PAB18220 Size 100 ug

Applications



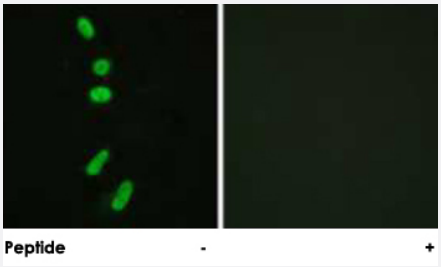
Western Blot (Cell lysate)

Western blot analysis of extracts from COLO 205 cells, using SF1 polyclonal antibody (Cat # PAB18220).
Peptide "+" means "peptide blocking".



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human brain tissue using SF1 polyclonal antibody (Cat # PAB18220).
Peptide "+" means "peptide blocking".



Immunofluorescence

Immunofluorescence analysis of HeLa cells, using SF1 polyclonal antibody (Cat # PAB18220).
Peptide "+" means "peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SF1.

Immunogen	A synthetic peptide corresponding to residues surrounding S82 of human SF1.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	This antibody is specific to SF1.
Form	Liquid
Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:100) Immunofluorescence (1:500-1:1000) ELISA (1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of extracts from COLO 205 cells, using SF1 polyclonal antibody (Cat # PAB18220).
  Peptide "+" means "peptide blocking".

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical analysis of paraffin-embedded human brain tissue using SF1 polyclonal antibody (Cat # PAB18220).
  Peptide "+" means "peptide blocking".

- Immunofluorescence

  Immunofluorescence analysis of HeLa cells, using SF1 polyclonal antibody (Cat # PAB18220).
  Peptide "+" means "peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

Gene Info — SF1

Entrez GeneID	7536
Protein Accession#	Q15637
Gene Name	SF1
Gene Alias	D11S636, ZFM1, ZNF162
Gene Description	splicing factor 1
Omim ID	601516
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000069749|OTTHUMP00000069750|OTTHUMP00000069752|zinc finger protein 162

Publication Reference

- Nuclear receptors Sf1 and Dax1 function cooperatively to mediate somatic cell differentiation during testis development.

  Park SY, Meeks JJ, Raverot G, Pfaff LE, Weiss J, Hammer GD, Jameson JL.

  Development 2005 May; 132(10):2415.

- The Wilms tumor suppressor WT1 regulates early gonad development by activation of Sf1.

  Wilhelm D, Englert C.

  Genes & Development 2002 Jul; 16(14):1839.

  Application: IHC, Mouse, Embryos

- PNRC: a proline-rich nuclear receptor coregulatory protein that modulates transcriptional activation of multiple nuclear receptors including orphan receptors SF1 (steroidogenic factor 1) and ERRalpha1 (estrogen related receptor alpha-1).

  Zhou D, Quach KM, Yang C, Lee SY, Pohajdak B, Chen S.

  Molecular Endocrinology 2000 Jul; 14(7):986.