

Rabbit anti-Human DP-1 Polyclonal Antibody | anti-DP-1 antibody

DP-1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307542	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

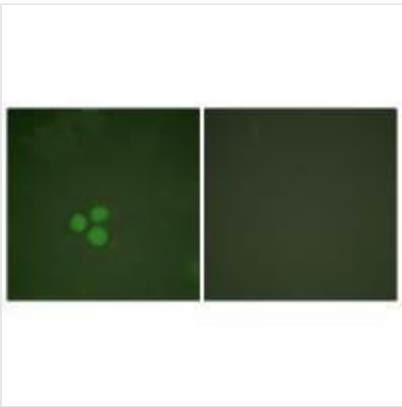
PRODUCT SYNONYMS

DP-1; Polyclonal Antibody; DP-1 Antibody; E2F DIMERIZATION PARTNER 1; TRANSCRIPTION FACTOR DP1; TRANSCRIPTION FACTOR; SEQUENCE-SPECIFIC; DRTF1; anti-DP-1 antibody

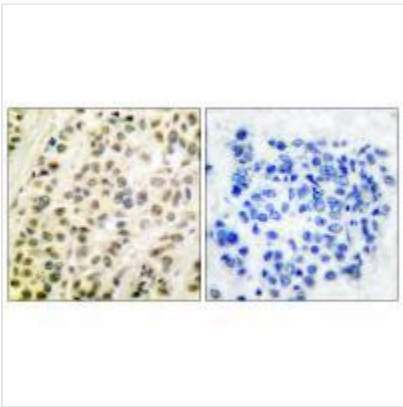
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total DP-1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	410
Applicable Applications for anti-DP-1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human DP-1.
Target Name	DP-1
Preparation and Storage	Store at -20 degree C

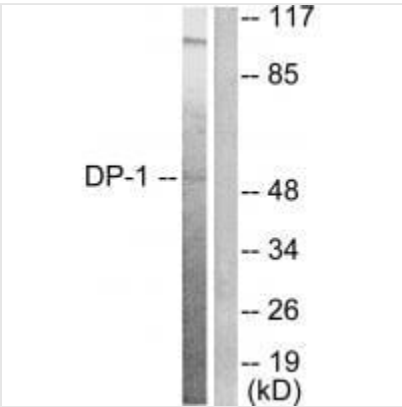
IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells, treated with Forskolin (40nM, 30mins), using DP-1 antibody.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using DP-1 antibody.



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, using DP-1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DP-1 antibody	Can stimulate E2F-dependent transcription. Binds DNA cooperatively with E2F family members through the E2 recognition site, 5'-TTTC[CG]CGC-3', found in the promoter region of a number of genes whose products are involved in cell cycle regulation or in DNA replication. The DP2/E2F complex functions in the control of cell-cycle progression from G1 to S phase. The E2F1/DP complex appears to mediate both cell proliferation and apoptosis.K Helin, Genes & Dev., Oct 1993; 7: 1850 - 1861.B Shan, Cell Growth Differ., Jun 1996; 7: 689.Hironori Ishida, J. Biol. Chem., Jul 2005; 280: 24642 - 24648.Wing Y. Chang, J. Biol. Chem., Dec 2004; 279: 51343 - 51353.
Product Categories/Family for anti-DP-1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	6005900
NCBI GeneID	7027
NCBI Accession #	NP_009042.1
NCBI GenBank Nucleotide #	NM_007111.4
UniProt Accession #	Q14186; Q5JSB4; Q8IZL5; B4DLQ9
Molecular Weight	34,921 Da
NCBI Official Full Name	transcription factor Dp-1

NCBI Official Synonym Full Names	transcription factor Dp-1
NCBI Official Symbol	TFDP1
NCBI Official Synonym Symbols	DP1; Dp-1; DRTF1
NCBI Protein Information	transcription factor Dp-1
UniProt Protein Name	Transcription factor Dp-1
UniProt Gene Name	TFDP1
UniProt Synonym Gene Names	DP1; DRTF1
UniProt Entry Name	TFDP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/dp-1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/307542>