

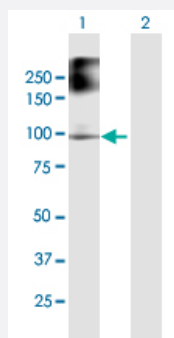
MaxPab®

FANCB purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002187-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of FANCB expression in transfected 293T cell line ([H00002187-T01](#)) by FANCB MaxPab polyclonal antibody.

Lane 1: FANCB transfected lysate(94.49 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human FANCB protein.

Immunogen

FANCB (NP_001018123.1, 1 a.a. ~ 859 a.a) full-length human protein.

Sequence

MTSKQAMSSNEQERLLCYNGEVLVFQLSKGNFADKEPTKTPILHVRMVFDRTKVFVQKSTGF
FTIKEENSHLKIMCCNCVSDFRGTGINLPYVIEKNKKNNVFEYFLLIHSTNKFEMRLSFKLGEMKD
GLRVLNGPLILWRHVKAFFFISSQTGKVVSVSGNFSSIQWAGEIENLGMVLLGLKECCLSEEECTQ
EPSKSDYAWNTKFCVYSLESQEVLSDMIPPAYSSVVTVHICATEIINKQLRISLIALTRKNQLISFQN
GTPKNVCQLPFGDPCAVQLMDSGGNNLFFVVSFISNNACAVWKESFQVAAKWEKLSLVLDIFI
GSGTEQVLLLFKDSLNSDCLTSFKITDLGKINYSSEPSDCNEDDLFEDKQENRYLVVPLETGLKV
CFSSFRELRQHLLLEKEIKSYKALINLVQKDDNTSSAEEKECLVPLCGEEENS VHILDEKLSDN
FQDSEQLVEKMYRVIDDSL VVGKTTSSLKLSLNDVTL SLLMDQAHSRFRLLKCQNRVIKLSN
PFPAPYLMPCIEGLEAKRVTLPDSKKEESFVCEHPSKKECVQITAVTSLSPLLTFSKFCCTVLLQ
IMERESGNCPKDRYVVCGRVFLSLEDLSTGKYLLTFPKKKPIEHMEDLFALLAAFHKSCFQITSPG
YALNSMKVWLLLEHMKCEIIEKFPEVYFCERPGSFYGTFTWKQRTPFEGILIIYSRNQTVMFQCLHN
LIRILPINCFLKNLKSSENFLIDNMAFTLEKELVTLSSLSSAIKHESNFMQRCEVSKGKSSVVAAA
LSDRRENIHPYRKELQREKKMLQTNLKVSGALYREITLKVAEVQLKSDFAAQKLSNL

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (49); Rat (50)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — FANCB

Entrez GeneID	2187
GeneBank Accession#	NM_001018113
Protein Accession#	NP_001018123.1
Gene Name	FANCB
Gene Alias	FA2, FAAP90, FAAP95, FAB, FACB
Gene Description	Fanconi anemia, complementation group B
Omim ID	300514 300515 314390
Gene Ontology	Hyperlink

Gene Summary	The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCI (also called BRIP1), FANCL, FANCM and FANCN (also called PALB2). The previously defined group FANCH is the same as FANCA. Fanconi anemia is a genetically heterogeneous recessive disorder characterized by cytogenetic instability, hypersensitivity to DNA crosslinking agents, increased chromosomal breakage, and defective DNA repair. The members of the Fanconi anemia complementation group do not share sequence similarity; they are related by their assembly into a common nuclear protein complex. This gene encodes the protein for complementation group B. Alternative splicing results in two transcript variants encoding the same protein. [provided by RefSeq]
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Other Designations

Fanconi anemia complementation group B|OTTHUMP00000022953|type 2 Fanconi pancytopeni
a

Disease

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