

Product datasheet for **TA346159**

FANCA Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-FANCA antibody: synthetic peptide directed towards the N terminal of human FANCA. Synthetic peptide located within the following region: KLSLSKVIDCDSSEAYANHSSFFIGSALQDQASRLGVPVGILSAGMVASS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	33 kDa
Gene Name:	Fanconi anemia complementation group A
Database Link:	NP_001018122 Entrez Gene 2175 Human O15360



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Background:

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 A. Alternative splicing results in multiple transcript variants encoding different isoforms. Mutations in this gene are the most common cause of Fanconi anemia. [provided by RefSeq, Jul 2008]

Synonyms:

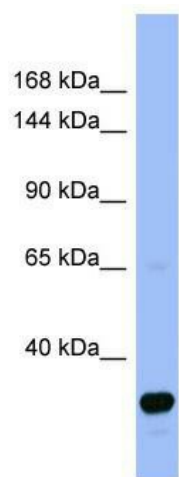
FA; FA-H; FA1; FAA; FACA; FAH; FANCH

Note:

Immunogen Sequence Homology: Pig: 100%; Human: 100%; Dog: 92%; Rat: 92%; Mouse: 92%; Bovine: 83%; Guinea pig: 79%

Protein Families:

Druggable Genome

Product images:

WB Suggested Anti-FANCA Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive
Control: Human Spleen