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Produktinformation



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Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP55381_P050-HRP
Product Page	www.avivasysbio.com/fance-antibody-middle-region-hrp-arp55381-p050-hrp.html
Name	FANCE Antibody - middle region : HRP (ARP55381_P050-HRP)
Protein Size (# AA)	536 amino acids
Molecular Weight	59kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	2178
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Fanconi anemia, complementation group E
Alias Symbols	FAE, FACE
Peptide Sequence	Synthetic peptide located within the following region: SPQAPDPPEEEENRDSQOPGKRRKDSEEEAASPEGKRVPKRLRCWEEEDH
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Wang,X., (2007) Mol. Cell. Biol. 27 (8), 3098-3108
Description of Target	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. 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 E. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	APITD1; STRA13; UBC; FANCG; FANCD2; FANCC; FANCA; FANCM; C1orf86; ELAVL1; Erh; FANCF; CHEK1; HES1; PCNA; BRCA2;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-FANCE (ARP55381_P050-HRP) antibody
Blocking Peptide	For anti-FANCE (ARP55381_P050-HRP) antibody is Catalog # AAP55381 (Previous Catalog # AAPP33253)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human FANCE
Uniprot ID	Q9HB96
Protein Name	Fanconi anemia group E protein
Protein Accession #	NP_068741
Purification	Affinity Purified
Nucleotide Accession #	NM_021922

Gene Symbol	FANCE
Predicted Species Reactivity	Human, Cow, Dog, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 86%; Dog: 79%; Horse: 85%; Human: 100%; Pig: 79%; Rabbit: 79%
Image 1	 A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two heavy chains are connected to each other and to the two light chains, forming a Y-shape with two antigen-binding arms.

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