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Datasheet for ABIN955605
anti-FANCG antibody (C-Term)

2 Images

Overview

Quantity:	0.4 mL
Target:	FANCG
Binding Specificity:	AA 539-568, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FANCG antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 539-568 amino acids from the C-terminal region of human FANCG
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human FANCG (C-term).
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	FANCG
Alternative Name:	XRCC9 / FANCG (FANCG Products)

Target Details

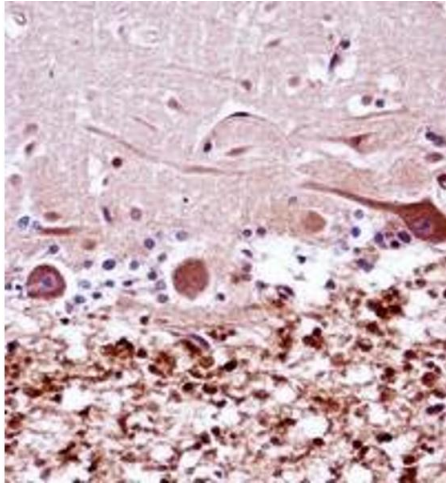
Background:	The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCI (also called BRIP1), FANCL, FANCM and FANCN (also called PALB2). The previously defined group FANCH is the same as FANCA. Fanconi anemia 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 G.Synonyms: DNA repair protein XRCC9, FACG, Fanconi anemia group G protein
Molecular Weight:	68554 Da
Gene ID:	2189
NCBI Accession:	NP_004620
Pathways:	DNA Damage Repair

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

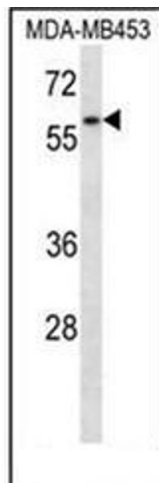
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin fixed and paraffin embedded human cerebellum tissue reacted with XRCC9 / FANCG Antibody (C-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.



Western Blotting

Image 2. Western blot analysis of XRCC9 / FANCG Antibody (C-term) in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the FANCG antibody detected the FANCG protein (arrow).