Rabbit anti-Human, Mouse POLH Polyclonal Antibody | anti-POLH antibody

POLH Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA176467	**Rabbit**	**Human, Mouse**	**ELISA, Immunohistochemistry, Western Blot**

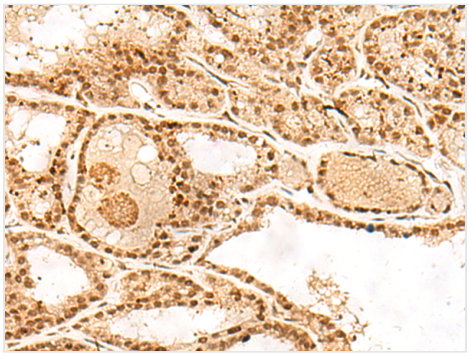
PRODUCT SYNONYMS

POLH; Polyclonal Antibody; POLH Polyclonal Antibody; DNA polymerase eta; FLJ16395; FLJ21978; Polh; Polymerase DNA directed eta; RAD30; RAD30 homolog A; RAD30A; Xeroderma pigmentosum variant type protein; XP V; XPV; anti-POLH antibody

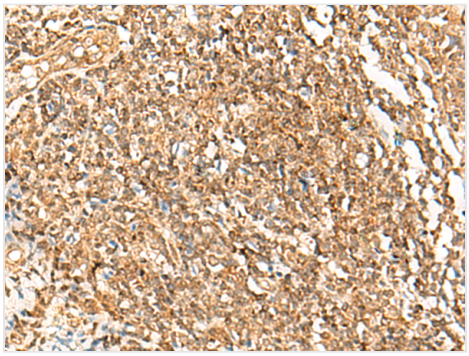
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.78mg/mL (varies by lot)
Sequence Length	713
Applicable Applications for anti-POLH antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human POLH
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

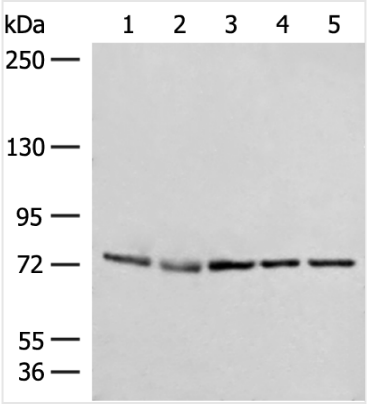
IMAGES



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using POLH Polyclonal Antibody at dilution of 1:45(×200



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human tonsil tissue using POLH Polyclonal Antibody at dilution of 1:45(×200



WB (Western Blot)
Western blot analysis of A172 231 Jurkat HepG2 and Hela cell lysates using POLH Polyclonal Antibody at dilution of 1:300

ADDITIONAL INFORMATION

Related Product Information for anti-POLH antibody	This gene encodes a member of the Y family of specialized DNA polymerases. It copies undamaged DNA with a lower fidelity than other DNA-directed polymerases. However, it accurately replicates UV-damaged DNA; when thymine dimers are present, this polymerase inserts the complementary nucleotides in the newly synthesized DNA, thereby bypassing the lesion and suppressing the mutagenic effect of UV-induced DNA damage. This polymerase is thought to be involved in hypermutation during immunoglobulin class switch recombination. Mutations in this gene result in XPV, a variant type of xeroderma pigmentosum. Several transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-POLH antibody	Cancer; Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	59798441
NCBI GeneID	5429
UniProt Accession #	Q9Y253
Molecular Weight	78 kDa
NCBI Official Full Name	DNA polymerase eta
NCBI Official Synonym Full Names	DNA polymerase eta
NCBI Official Symbol	POLH
NCBI Official Synonym Symbols	XPV; XP-V; RAD30; RAD30A
NCBI Protein Information	DNA polymerase eta
UniProt Protein Name	DNA polymerase eta
UniProt Gene Name	**POLH**
UniProt Synonym Gene Names	RAD30; RAD30A; XPV
UniProt Entry Name	POLH_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://stage.aaabiotech.com/polyclonal/polh-antibody-immunohistochemistry-western-blot-elisa/176467