

Rabbit anti-Human EDD Polyclonal Antibody | anti-EDD antibody

EDD Antibody

CATALOG # AAA302391	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	----------------------------	---

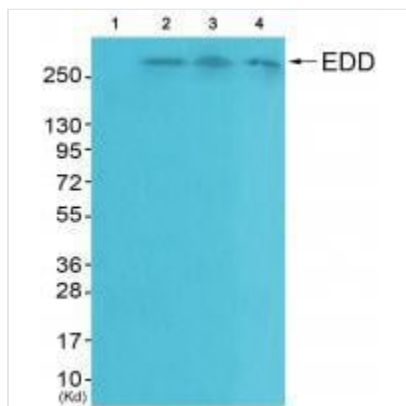
PRODUCT SYNONYMS

EDD; Polyclonal Antibody; EDD Antibody; CAK; CD167a antigen; Cell adhesion kinase; Discoidin receptor tyrosine kinase; EC 2.7.1.112; anti-EDD antibody

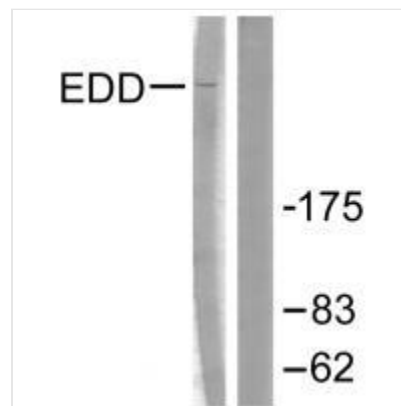
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total EDD protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	2798
Applicable Applications for anti-EDD antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from Internal of human EDD.
Target Name	EDD
Preparation and Storage	Store at -20 degree C

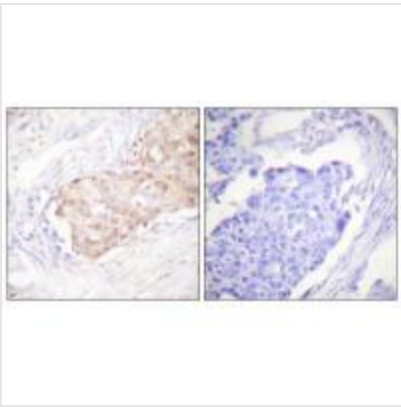
IMAGES


WB (Western Blot)

Western blot analysis of extracts from HeLa cells (Lane 2), A549 cells (Lane 3) and HepG2 cells (Lane 4), using EDD antibody. The lane on the left is treated with synthesized peptide.


WB (Western Blot)

Western blot analysis of extracts from A549 cells, using EDD antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using EDD antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-EDD antibody	E3 ubiquitin-protein ligase which is a component of the N-end rule pathway. Recognizes and binds to proteins bearing specific N-terminal residues that are destabilizing according to the N-end rule, leading to their ubiquitination and subsequent degradation By similarity. Involved in maturation and/or transcriptional regulation of mRNA by activating CDK9 by polyubiquitination. May play a role in control of cell cycle progression. May have tumor suppressor function. Regulates DNA topoisomerase II binding protein (TopBP1) in the DNA damage response. Plays an essential role in extraembryonic development. Ubiquitinates acetylated PCK1. Also acts as a regulator of DNA damage response by acting as a suppressor of RNF168, an E3 ubiquitin-protein ligase that promotes accumulation of 'Lys-63'-linked histone H2A and H2AX at DNA damage sites, thereby acting as a guard against excessive spreading of ubiquitinated chromatin at damaged chromosomes.Michelle J. Henderson, J. Biol. Chem., Dec 2006; 281: 39990 - 40000. Lisa N. Kinch, Protein Sci., Feb 2005; 14: 360 - 367. Michelle J. Henderson, J. Biol. Chem., Jul 2002; 277: 26468 - 26478. Darren N. Saunders, Mol. Cell. Biol., Aug 2004; 24: 7225 - 7
Product Categories/Family for anti-EDD antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	544583486
NCBI GeneID	51366
NCBI Accession #	NP_001269802.1
NCBI GenBank Nucleotide #	NM_001282873.1
UniProt Accession #	O95071; O94970; Q9NPL3; B2RP24; J3KMW7
Molecular Weight	309,224 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase UBR5 isoform 2
NCBI Official Synonym Full Names	ubiquitin protein ligase E3 component n-recognin 5
NCBI Official Symbol	UBR5
NCBI Official Synonym Symbols	DD5; EDD; HYD; EDD1
NCBI Protein Information	E3 ubiquitin-protein ligase UBR5
UniProt Protein Name	E3 ubiquitin-protein ligase UBR5
UniProt Gene Name	UBR5
UniProt Synonym Gene Names	EDD; EDD1; HYD; KIAA0896; hHYD
UniProt Entry Name	UBR5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/edd-antibody-immunohistochemistry-western-blot-elisa/302391>