

Rabbit anti-Human, Mouse E2-25K Polyclonal Antibody | anti-E2-25K antibody

Rabbit anti-E2-25K Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212508	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

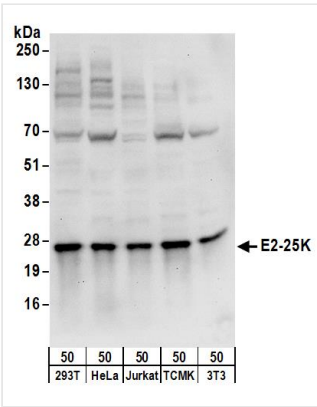
PRODUCT SYNONYMS

E2-25K; Polyclonal Antibody; Rabbit anti-E2-25K Antibody; Affinity Purified; ubiquitin-conjugating enzyme E2-25 KDA; ubiquitin-protein ligase; Ubiquitin-conjugating enzyme E2-25K; ubiquitin-conjugating enzyme E2(25K); ubiquitin-conjugating enzyme E2 K; ubiquitin conjugating enzyme E2K; ubiquitin carrier protein; UBC1; HYPG; huntingtin-interacting protein 2; HIP-2; HIP2; E2(25K); E2 ubiquitin-conjugating enzyme K; ubiquitin-conjugating enzyme E2K (UBC1 homolog; yeast); LIG; Ubiquitin-conjugating enzyme E2 K; ubiquitin conjugating enzyme E2 K; anti-E2-25K antibody

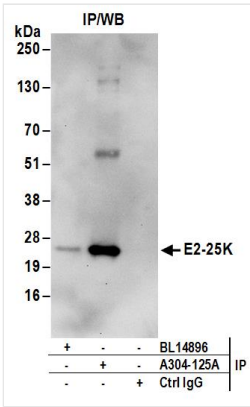
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-E2-25K antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Bovine
Immunogen	Between 150 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)
Detection of human and mouse E2-25K by western blot. Samples: Whole cell lysate (50 ug) from 293T, HeLa, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti-E2-25K antibody AAA212508 (lot AAA212508-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)
Detection of human E2-25K by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from 293T cells. Antibodies: Affinity purified rabbit anti-E2-25K antibody AAA212508 (lot AAA212508-1) used for IP at 6 ug/mg lysate. E2-25K was inefficiently immunoprecipitated by rabbit anti-E2-25K antibody BL14896. For blotting immunoprecipitated E2-25K, AAA212508 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-E2-25K antibody	Ubiquitin-conjugating enzyme E2-25 kDa (E2-25K) belongs to the ubiquitin-conjugating enzyme family. E2-25K interacts with RING finger proteins, and it can ubiquitinate huntingtin, the gene product for Huntington's disease. Known functions for this protein include a role in aggregate formation of expanded polyglutamine proteins and the suppression of apoptosis in polyglutamine diseases, a role in the dislocation of newly synthesized MHC class I heavy chains from the endoplasmic reticulum, and involvement in foam cell formation [taken from NCBI Entrez Gene (Gene ID: 3093)].
Product Categories/Family for anti-E2-25K antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	163660383
NCBI GeneID	3093
NCBI Accession #	NP_005330.1
NCBI GenBank Nucleotide #	NM_005339
UniProt Accession #	P61086; O54806; P27924; Q16721; Q9CVV9; Q9Y2D3; A6NJC1; A8K5Y9; B2RDF6; C9JGP1
Molecular Weight	17,447 Da
NCBI Official Full Name	Homo sapiens ubiquitin-conjugating enzyme E2K (UBE2K), transcript variant 1, mRNA
NCBI Official Synonym Full Names	ubiquitin-conjugating enzyme E2K
NCBI Official Symbol	UBE2K
NCBI Official Synonym Symbols	LIG; HIP2; HYPG; UBC1; E2-25K
NCBI Protein Information	ubiquitin-conjugating enzyme E2 K; E2(25K); HIP-2; huntingtin interacting protein 2; huntingtin-interacting protein 2; ubiquitin carrier protein; ubiquitin-conjugating enzyme E2(25K); ubiquitin-conjugating enzyme E2-25 KDA; ubiquitin-conjugating enzyme E2
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 K
UniProt Gene Name	UBE2K

UniProt Synonym Gene Names	HIP2; LIG; HIP-2; Ubiquitin-conjugating enzyme E2(25K); Ubiquitin-conjugating enzyme E2-25K
UniProt Entry Name	UBE2K_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://www.aaabiotech.com/polyclonal/e2-25k-antibody-immunoprecipitation-western-blot-elisa/212508>