

DESCRIPTION

Species Reactivity	Human
Specificity	Detects UBE2K/E2-25K in Western blots.
Source	Polyclonal Rabbit IgG
Purification	Protein A or G purified
Immunogen	Full-length, highly purified human UbcH1 protein
Formulation	Supplied in a solution of PBS and Glycerol. See Certificate of Analysis for details.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the Technical Information section on our website.

Western Blot	Recommended dilution range for Western blot analysis is 1:100 to 1:1000.
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PREPARATION AND STORAGE

Shipping	The product is shipped with dry ice or equivalent. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Store unopened vial at -80°C. Avoid repeated freeze-thaw cycles. Aliquot antibody in small volumes prior to freezing.

BACKGROUND

Biochemically, UBE2K (E2-25K) can catalyze the formation of K48-linked ubiquitin chains in the absence of an E3 ligase. This enzyme has a unique C-terminal UBA domain that plays a critical role in E1 selectivity and chain synthesis. Recently, UBE2K (or E2-25K or HIP2) has been shown to bind to the N- terminus of huntington and may play a role in Huntington's disease.