

U-Blot[®] Pan-K-ε-GV Rabbit pAb (WT9147)

User Manual

General Information

Product name	U-Blot [®] Pan-K-ε-GV Rabbit pAb
Product No.	WT9147
Clonality	Polyclonal

Key Features

Target	K-ε-GV motif
Reactivity	Species Independent
Applications	IAP
MW(Calculated)	Multiple
MW(Observed)	Multiple
Host Species	Rabbit
Isotype	IgG
Conjugate	Unconjugated
Modification	Ufmylation
Purification	Protein A affinity purification
Immunogen	Synthetic Peptide

Storage Information

Storage	Store at 2 - 8 °C
Stability	Stable for 12 months from date of receipt / reconstitution.
Concentration	5 mg/ml

Target Information

The K- ϵ -GV motif refers to the glycine and valine remnant left on the lysine residue of a protein after Ufmylation, a form of post-translational modification (PTM). In proteomics research, the analysis of the K- ϵ -GV motif typically involves the use of specific antibodies to enrich these modified peptides, followed by identification and quantification using mass spectrometry techniques. This analytical approach helps researchers better understand the role of ufmylation in biological processes and how it changes under disease conditions. Furthermore, antibodies against the K- ϵ -GV motif are also used in Ufmylation proteomics technology, which combines immunoaffinity enrichment with liquid chromatography-tandem mass spectrometry (LC-MS/MS) for large-scale qualitative and quantitative analysis of Ufmylated proteins.

Background

Cellular Localization

For Research Use Only. Not for Use in Diagnostic Procedures.