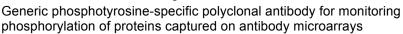
# AB-PG001U PYK-Ultra Antibody





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## **Target Protein**

Name Long: Diverse proteins that are tyrosine phosphorylated

#### Immunogen

Antibody Immunogen Source: Over 200 diverse phosphotyrosine phosphorylation site peptides

Antibody Immunogen Sequence: Many

Location in Target: Diverse locations

Peptide Type: For recognition of generic phosphosites.

Target Phosphosite: Phosphorylated

# Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	Immunoglobulin G
Production Method:	Over 400 immunizing phosphopeptides were produced by solid phase synthesis on a multipep peptide synthesizer and purified by reverse-phase hplc chromatography. Purities were assessed by analytical hplc and the amino acid sequences confirmed by mass spectrometry analysis. These peptides were coupled to KLH prior to immunization into rabbits. New Zealand White rabbits were subcutaneously injected with KLH-coupled immunizing peptide every 4 weeks for 4 months. The sera from each animal was applied onto agarose columns to which a phosphotyrosine-beta-alanine-cysteine was thio-linked. Antibody was eluted from the column with 0.1 M glycine, pH 2.5. Subsequently, the antibody solution was neutralized to pH 7.0 with saturated Tris. The antibody was also subjected to negative purification over a rabbit IgG-agarose column.
Production Method:	
Antibody Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	150731
Storage Buffer:	Phosphate buffered saline (PBS) pH7.4, 0.05% Thimerasol
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

## **Applications**

Product Use:	Western blotting   Antibody microarrays
Antibody Dilution Recommended:	2 μg/ml for immunoblotting
Antibody Species Reactivity:	Human, mouse, rat and many other mammals

This product is for in vitro research use only and is not intended for use in humans or animals.