

His tag polyclonal antibody (Biotin)

Catalog # PAB31807 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against 6X His epitope tag peptide. The antibody is conjugated with Biotin.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to His tag.
Sequence	HHHHHH
Host	Rabbit
Specificity	This affinity purified antibody is directed against the 6X His motif and is useful in determining its presence in various assays. This polyclonal anti-6X His-tag antibody detects over-expressed proteins containing the 6X His epitope tag. To date, this antibody has reacted with all His-tagged proteins tested. In western blotting of bacterial extracts, the antibody does not cross-react with endogenous proteins. The antibody recognizes the His-tag (His-His-His-His-His-His) fused to either the amino- or carboxy-termini of targeted proteins in transfected or transformed cells.
Form	Lyophilized
Conjugation	Biotin
Preparation Method	This antibody was purified from whole rabbit serum prepared by repeated immunizations with 6X His epitope tag peptide H-H-H-H-H-H conjugated to KLH using maleimide.
Purification	Affinity purification
Isotype	IgG
Recommend Usage	ELISA (1:10000-1:50000) Immunohistochemistry (1:1000-1:5000) Western Blot (1:2000 - 1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2 (10 mg/mL BSA (immunoglobulin and protease free), 0.01% (w/v) sodium azide.

Storage Instruction

Store vial at 4°C prior to restoration.

After reconstitution with 100 uL deionized water (or equivalent), aliquot contents and freeze at -20°C or below for extended storage.

Aliquot to avoid repeated freezing and thawing.

Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4°C as an undiluted liquid. Dilute only prior to immediate use.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry
- Enzyme-linked Immunoabsorbent Assay