HA tag polyclonal antibody (Biotin)

Catalog # PAB31802 Size 100 ug

Applications



Western Blot (Recombinant protein)

Western Blot analysis of recombinant transcription factor protein containing the HA epitope tag (1.0 ug) with HA tag polyclonal antibody (Biotin) (Cat # PAB31802) at 1:10000 working concentration.

Specification

Product Description	Rabbit polyclonal antibody raised against HA epitope tag peptide. The antibody is conjugated with Biotin.
Immunogen	A epitope tag peptide (conjugated with KLH) corresponding to YPYDVPDYA from hemagglutinin influenza.
Sequence	YPYDVPDYA
Host	Rabbit
Specificity	This affinity purified antibody is directed against the HA motif and is useful in determining its presence in various assays. This polyclonal anti-HA tag antibody detects over-expressed proteins containing the HA epitope tag. To date this antibody has reacted with all HA tagged proteins so far tested. In western blotting of bacterial extracts the antibody does not cross-react with endogenous proteins. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin and anti-rabbit serum.
Form	Lyophilized
Conjugation	Biotin

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Preparation Method	This antibody was purified from whole rabbit serum prepared by repeated immunizations with the 9-a a epitope tag peptide YPYDVPDYA (11 114-122) from hemagglutinin influenza conjugated to KLH u sing maleimide. A residue of cysteine was added to the carboxy terminal end to facilitate coupling.
Purification	Affinity purification
Isotype	IgG
Conjugation Note	FP Value: 10-20 moles Biotin per mole of 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 20 mM potassium phosphate, 150 mM NaCl, pH 7.2 (10 mg/mL BSA, 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 f or 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 shoul d be handled by trained staff only.

Applications

- Immunohistochemistry
- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)

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