

Rev05
Update: Nov,03,2023

DATASHEET

NWSHPQFEK Antibody [HRP], pAb, Rabbit

Cat. No.: A00875

Overview

Specificity	This Antibody recognizes Strep-tag II tagged fusion proteins.
Host Species	Rabbit
Immunogen	Strep-tag II epitope peptide NWSHPQFEK conjugated to KLH.
Conjugate	Horseradish peroxidase (HRP)

Applications

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

Application	Recommended Usage
ELISA	0.05-0.2 µg/ml
Western Blot	0.5-1.0 µg/ml

Properties

Form	Lyophilized
Storage Buffer	Lyophilized with PBS, pH 7.4, containing 1% BSA and 0.01% thimerosal
Reconstitution	Reconstitute the lyophilized powder with deionized water (or equivalent) to an final concentration of 0.5 mg/ml.
Storage Instructions	The lyophilized product remains stable for up to 1 year at -20 °C from the date of receipt. Upon reconstitution, it can be stored for 2-3 weeks at 2-8 °C or for up to 12 months at -20 °C or below. Avoid repeated freezing and thawing cycles.
Purification	Affinity chromatography
Isotype	Rabbit IgG

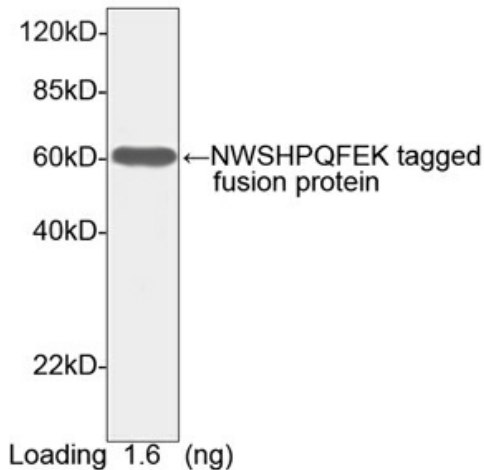
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Clonality	Polyclonal
Clone ID	Not applicable

Examples



Western blot analysis of NWSHPQFEK-tagged fusion protein using NWSHPQFEK Antibody [HRP], pAb, Rabbit (GenScript, A00875, 1 µg/ml)

The signal was developed with LumiSensor™ HRP Substrate Kit (GenScript, L00221)

Predicted Size: 60 kD

Observed Size: 60 kD

Background

Target Background : Well-characterized antibodies for epitope tags consisting of short sequences have been widely used in the study of protein expression in various systems. The NWSHPQFEK, a nine-amino acid peptide that is capable of binding to the biotin pocket of streptavidin was engineered. The Rabbit anti NWSHPQFEK polyclonal antibody is developed in rabbit using a synthetic NWSHPQFEK peptide conjugated to KLH. This polyclonal antibody is highly purified from rabbit antiserum by immunoaffinity chromatography and then conjugated to horseradish peroxidase. The antibody is suitable for detecting fusion proteins that contain NWSHPQFEK.

Synonyms : Rabbit anti NWSHPQFEK [HRP] pAb;

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

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