

Rev03
Update: Dec,14,2021

DATASHEET

Universal-tag Antibody, pAb, Rabbit

Cat. No.: A00680

Overview

Specificity	This Antibody recognizes Universal tagged fusion proteins.
Host Species	Rabbit
Immunogen	Universal epitope tag peptide HTTPHH conjugated to KLH
Conjugate	Unconjugated

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.

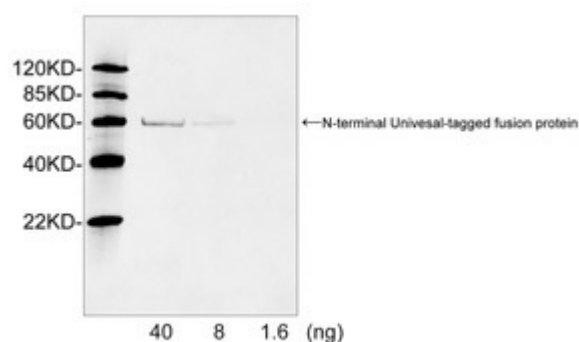
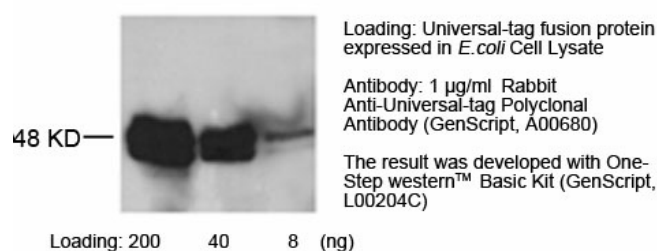
Application	Recommended Usage
ELISA	0.05-0.2 µg/ml
Western Blot	0.1-1.0 µg/ml
Western Blot	1:100-1:1,000
Other applications	User-optimized

Properties

Form	Liquid
Storage Buffer	1×PBS, pH7.4, containing 0.02% sodium azide
Concentration	1 mg/ml
Storage Instructions	The antibody is stable for 2-3 weeks if stored at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.
Purification	Affinity chromatography

Isotype	Rabbit IgG
Clonality	Polyclonal
Clone Id	Not applicable
Note	Small volume of antibody will occasionally become entrapped in the cap of the vial during shipment and storage. Before use, centrifuge the vial briefly to bring down any liquid in the cap.

Examples



Western blot analysis of Universal tagged fusion proteins expressed in *E. coli* cell lysate using Universal-tag Antibody (GenScript, A00680, 1 µg/ml)

The signal was developed with IRDye™ 800 Conjugated Goat Anti-Rabbit IgG.

Background

Target Background : Epitope tags consisting of short sequences recognized by well-characterized antibodies have been widely used in the study of protein expression in various systems. Universal-tag is an epitope tag composed of a six-residue peptide, HTTPHH. GenScript Rabbit Anti-Universal-tag Polyclonal Antibody is highly purified from rabbit antiserum by immunoaffinity chromatography.

Synonyms : Rabbit Anti Universal-tag pAb; Anti Universal-tag pAb

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