



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-VP1694 [FA7] Standard Size Ab03602-30.11

This is an scFv fragment with a His tag.

**Isotype and Format:** scFv fragment (His), ScFv

**Clone Number:** FA7

**Alternative Name(s) of Target:** Type III export protein YscF

**UniProt Accession Number of Target Protein:** Q87P24

**Published Application(s):** WB, ELISA

**Published Species Reactivity:** Vibrio parahaemolyticus

**Immunogen:** This antibody was generated by panning a scFv library from BALB/c mice immunized with purified fusion protein against GST-VP1694 antigen.

**Specificity:** This antibody is specific for the VP1694 protein from Vibrio parahaemolyticus. This proteins is necessary for this bacteria to act as a pathogen. Vibrio parahaemolyticus can cause gastroenteritis in humans.

**Application Notes:** An ELISA was performed on associated V. parahaemolyticus proteins (TDH, TLH, VopQ, VP1694), Homologous protein HrpA, and PBS using the scFv version of this antibody. It showed a stronger binding to VP1694 than to other proteins. Furthermore, a western blot was performed on VP1694 using this antibody. The western blot showed the binding of VP1694 by the antibody (Wang et al, 2014; pmid:25320414).

**Antibody First Published in:** Wang et al. Generation and Characterization of a scFv Antibody Against T3SS Needle of Vibrio parahaemolyticus. Indian J Microbiol. 2014 Jun; 54(2): 143-150. [PMID:25320414](#)

**Note on publication:** A phage single-chain fragment variable antibody (scFv) library was constructed, and a specific scFv against VP1694 named scFv-FA7 was screened by phage display panning.

### Product Form

**Size:** 50 µg Purified antibody.

**Purification:** Purified by Immobilized Metal Affinity Chromatography

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.