abcam

Product datasheet

Human FOXP3 peptide ab16809

1 References 2 Images

Description

Product name	Human FOXP3 peptide
Animal free	No
Nature	Synthetic
Species	Human

Specifications

Our Abpromise guarantee covers the use of **ab16809** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Blocking
Form	Liquid
Additional notes	*- First try to dissolve a small amount of peptide in either water or buffer. The more charged residues on a peptide, the more soluble it is in aqueous solutions.* *- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer.* *- Consider that any solvent used must be compatible with your assay. If a peptide does not dissolve and you need to recover it, lyophilise to remove the solvent.* *- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is cloudy or has gelled the peptide may be in suspension rather than solubilised.* *- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.*

Preparation and Storage

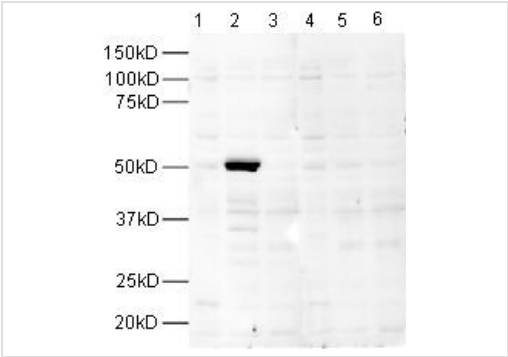
Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

General Info

Function	Probable transcription factor. Plays a critical role in the control of immune response.

Involvement in disease	Defects in FOXP3 are the cause of immunodeficiency polyendocrinopathy, enteropathy, X-linked syndrome (IPEX) [MIM:304790]; also known as X-linked autoimmunity-immunodeficiency syndrome. IPEX is characterized by neonatal onset insulin-dependent diabetes mellitus, infections, secretory diarrhea, trombocytopenia, anemia and eczema. It is usually lethal in infancy.
Sequence similarities	Contains 1 C2H2-type zinc finger. Contains 1 fork-head DNA-binding domain.
Cellular localization	Nucleus.

Images



Western blot - Human FOXP3 peptide (ab16809)

Western blot using ab10901 at 1/500.

Lane 1: HEK 293 lysate.

Lane 2: HEK 293 lysate over expressing human FOXP3.

Lane 3: HEK 293 lysate over expressing mouse FOXP3.

Lane 4: HEK 293 lysate with FOXP3 peptide ab16809.

Lane 5: HEK 293 lysate over expressing human FOXP3 with FOXP3 peptide ab16809.

Lane 6: HEK 293 lysate over expressing mouse FOXP3 with FOXP3 peptide ab16809.

All lanes with ab10901.

A no primary control lane showed no bands.

Peptide at 1µg/ml.

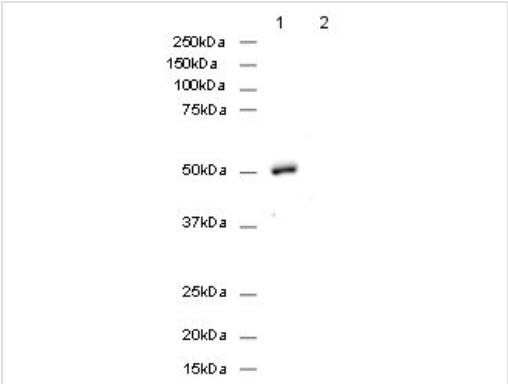
Secondary antibody: Goat polyclonal to Rabbit IgG (HRP) ab6721 1/5000.

Exposure time: 1 minute.

Expected molecular weight: 47kD

Lysates at 20µg/lane.

A no primary control lane showed no bands.



Western blot - Human FOXP3 peptide (ab16809)

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