# abcam

### Product datasheet

# Dishevelled 2 peptide ab173138

## 1 Image

**Description** 

Product name Dishevelled 2 peptide

Purity > 90 % HPLC.

Accession <u>O14641</u>

Animal free No

Nature Synthetic

Modifications phospho S143

#### **Specifications**

Our <u>Abpromise guarantee</u> covers the use of ab173138 in the following tested applications.

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

Applications Blocking - Blocking peptide for Anti-Dishevelled 2 (phospho S143) antibody [EPNCIR145]

(ab124933)

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. Store at -20°C.

**General Info** 

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Function Participates in Wnt signaling by binding to the cytoplasmic C-terminus of frizzled family members

and transducing the Wnt signal to down-stream effectors. Promotes internalization and degradation of frizzled proteins upon Wnt signaling. Plays a role both in canonical and non-canonical Wnt signaling. Plays a role in the signal transduction pathways mediated by multiple

Wnt genes.

**Sequence similarities** Belongs to the DSH family.

Contains 1 DEP domain.
Contains 1 DIX domain.

Contains 1 PDZ (DHR) domain.

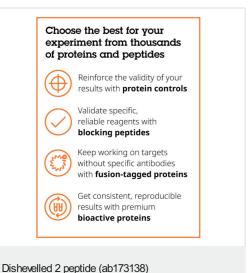
**Domain** The DIX domain mediates homooligomerization.

Cell membrane. Cytoplasm > cytosol. Cytoplasmic vesicle. Localizes at the cell membrane upon

interaction with frizzled family members and promotes their internalization. Localizes to

cytoplasmic puncta.

#### **Images**



To learn more about our protein and peptide range click **here**.

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