

## Product datasheet

# Anti-C9orf80 antibody ab121623

画像数 3

### 製品の概要

|              |   |
|--------------|---|
| 製品名          | Anti-C9orf80 antibody   |
| 製品の詳細        | Rabbit polyclonal to C9orf80  |
| 由来種          | Rabbit  |
| アプリケーション     | <b>適用あり:</b> ICC/IF, WB, IHC-P  |
| 種交差性         | <b>交差種:</b> Human   |
| 免疫原          | antigen sequence: KEKRKLLMQN QSSTNHPGAS IALSRPSLNK DFRDHAEQQH IAAQQKAALQ HAHAHSSGYF ITQDSAFGNL, corresponding to amino acids 24-93 of Human C9orf80.<br><a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a> |
| ポジティブ・コントロール | Human adrenal gland tissue; Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells; Human cell line U 2 OS.  |

### 製品の特性

|        |   |
|--------|---|
| 製品の状態  | Liquid  |
| 保存方法   | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| バッファー  | pH: 7.20<br>Preservative: 0.02% Sodium azide<br>Constituents: 59% PBS, 40% Glycerol   |
| 精製度    | Immunogen affinity purified   |
| ポリ/モノ  | ポリクローナル   |
| アイソタイプ | IgG   |

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab121623** in the following tested applications.

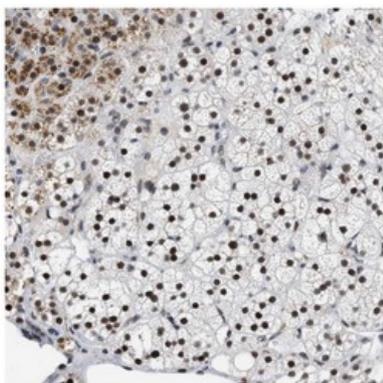
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| アプリケーション | Abreviews | 特記事項  |
|----------|-----------|---|
| ICC/IF   |           | Use a concentration of 1 - 4 µg/ml. Fixation/Permeabilization: PFA/Triton X-100   |
| WB       |           | 1/250 - 1/500.  |
| IHC-P    |           | 1/20 - 1/50. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Use buffer at pH 6 for antigen retrieval. |

## ターゲット情報

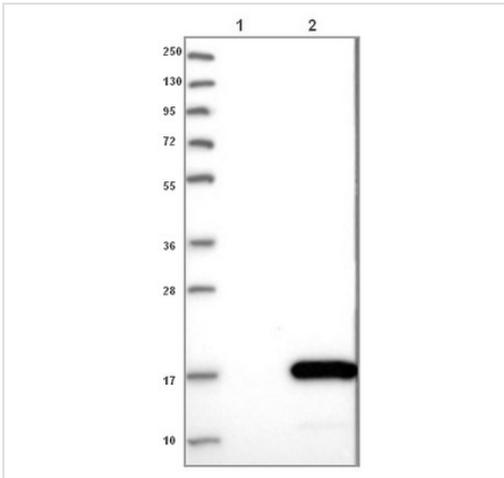
|       |   |
|-------|---|
| 機能    | Component of the SOSS complex, a multiprotein complex that functions downstream of the MRN complex to promote DNA repair and G2/M checkpoint. The SOSS complex associates with single-stranded DNA at DNA lesions and influences diverse endpoints in the cellular DNA damage response including cell-cycle checkpoint activation, recombinational repair and maintenance of genomic stability. Required for efficient homologous recombination-dependent repair of double-strand breaks (DSBs) and ATM-dependent signaling pathways. |
| 配列類似性 | Belongs to the SOSS-C family.   |
| 細胞内局在 | Nucleus. Localizes to nuclear foci following DNA damage.  |

## 画像



ab121623 at 1/40 dilution staining C9orf80 in Paraffin Embedded Human adrenal gland tissue by Immunohistochemistry.  
Note: strong nuclear positivity in cortical cells.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-C9orf80 antibody (ab121623)



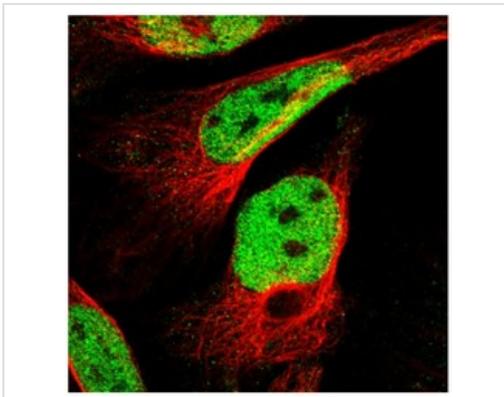
Western blot - Anti-C9orf80 antibody (ab121623)

**All lanes :** Anti-C9orf80 antibody (ab121623)  
at 1/250 dilution

**Lane 1 :** Negative control (vector only  
transfected HEK293T lysate)

**Lane 2 :** Over-expression Lysate (Co-  
expressed with a C-terminal myc-DDK tag  
(~3.1 kDa) in mammalian HEK293T cells

Developed using the ECL technique.



Immunocytochemistry/ Immunofluorescence - Anti-  
C9orf80 antibody (ab121623)

ab121623 at 4 µg/ml staining C9orf80 in  
PFA/Triton X-100 fixed/permeabilized U 2 OS  
cells by Immunofluorescence (green).

Note: positivity in nuclei but not nucleoli.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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