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Datasheet for ABIN571046

## anti-TNFSF14 antibody (Internal Region)

### 2 Images

#### Overview

Quantity:	100 µg
Target:	TNFSF14
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TNFSF14 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

#### Product Details

Purpose:	LIGHT / CD258
Immunogen:	C-HEVNPAAAHLTGANS
Sequence:	HEVNPAAAHLT GANS
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_003798.2, NP_742011.1).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

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Target:	TNFSF14
Alternative Name:	TNFSF14 ( <a href="#">TNFSF14 Products</a> )
Background:	TNFSF14, tumor necrosis factor (ligand) superfamily, member 14, CD258, HVEM, LIGHT, LTg, TR2, delta transmembrane LIGHT, herpesvirus entry mediator A, ligand for herpesvirus entry mediator, tumor necrosis factor ligand superfamily, member 14, tumor necro
Gene ID:	8740
NCBI Accession:	<a href="#">NP_003798</a> , <a href="#">NP_742011</a>
Pathways:	<a href="#">Cancer Immune Checkpoints</a>

## Application Details

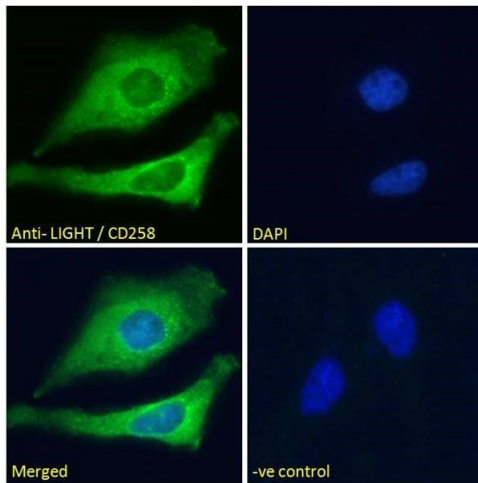
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Application Notes:	Western Blot: Approx 20-22 kDa band observed in Human Cerebellum and Frontal Cortex Brain lysates (calculated MW of 22.4 kDa according to NP_742011.1) Recommended concentration: 0.03-0.1 µg/mL. Primary incubation 1 hour at room temperature. Peptide ELISA: antibody detection limit dilution 1:64000.
Comment:	<b>Immunofluorescence:</b> Strong expression of the protein seen in the cytoplasm and membrane of HeLa cells. Recommended concentration: 10µg/ml.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



### Immunofluorescence

**Image 1.** ABIN571046 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic and membrane staining. The nuclear sta



### Western Blotting

**Image 2.** ABIN571046 (0.03µg/ml) staining of Human Cerebellum (A) and Frontal Cortex (B) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.