

Datasheet for ABIN185719

anti-NHEJ1 antibody (C-Term)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	NHEJ1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This NHEJ1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	XRCC4-like factor / NHEJ1
Immunogen:	Peptide with sequence C-QRPQLSKVKRKKPR, from the C Terminus of the protein sequence according to NP_079058.1.
Sequence:	QRPQLSKVKR KKPR
Isotype:	IgG
Cross-Reactivity:	Dog, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

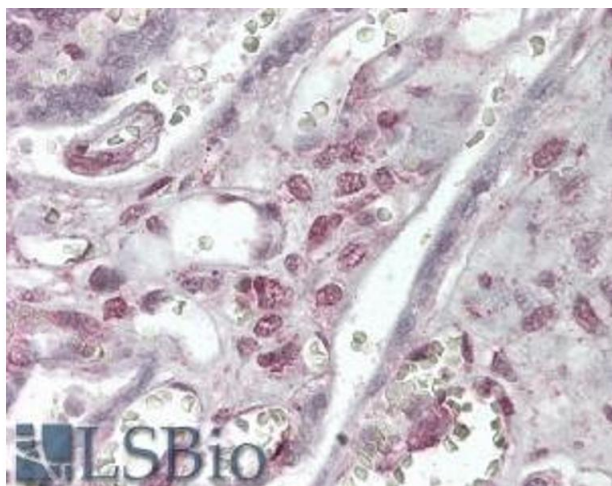
Target:	NHEJ1
Alternative Name:	NHEJ1 (NHEJ1 Products)
Background:	NHEJ1, XRCC4-like factor, nonhomologous end-joining factor 1, FLJ12610, XLF , Cernunnos
Gene ID:	79840
NCBI Accession:	NP_079058
Pathways:	DNA Damage Repair

Application Details

Application Notes:	<p>Immunohistochemistry: In paraffin embedded Human Placenta shows nuclear staining in trophoblasts. Recommended concentration, 2.5-3.8 µg/mL.</p> <p>Western Blot: Approx 38 kDa band observed in lysates of Human Skin, Testis and Thyroid gland (calculated size of 33.3 kDa according to NP_079058.1). The observed molecular weight corresponds to findings with antibodies from other sources. The 38 kDa band w</p> <p>Peptide ELISA: antibody detection limit dilution 1:64000.</p>
Restrictions:	For Research Use only

Handling

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.



Immunohistochemistry

Image 1. ABIN185719 (3.8µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN185719 (0.1µg/ml) staining of Human Thyroid lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.