



Datasheet for ABIN2778228
anti-BRDT antibody (N-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	BRDT
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Cow, Dog, Horse, Rabbit, Rat, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRDT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of human BRD4
Sequence:	NPPPPEYINT KKNGLRLTNQL QYLQKVVLKD LWKHSFSWPF QRPVDAVKLQ
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 86%, Rabbit: 100%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against BRDT. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	BRDT
Alternative Name:	BRDT (BRDT Products)

Target Details

Background: The protein encoded by this gene is homologous to the murine protein MCAP, which associates with chromosomes during mitosis, and to the human RING3 protein, a serine/threonine kinase. Each of these proteins contains two bromodomains, a conserved sequence motif which may be involved in chromatin targeting. This gene has been implicated as the chromosome 19 target of translocation t(15,19)(q13,p13.1), which defines an upper respiratory tract carcinoma in young people. Two alternatively spliced transcript variants have been described.

Alias Symbols: CAP, MCAP, HUNK1, HUNKI

Protein Size: 462

Molecular Weight: 50 kDa

Gene ID: 23476

NCBI Accession: [NM_014299](#), [NP_055114](#)

UniProt: [O60885](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

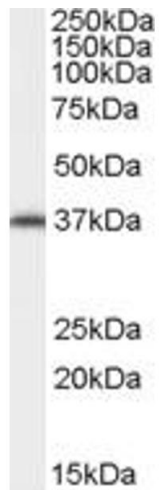
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeat freeze-thaw cycles.

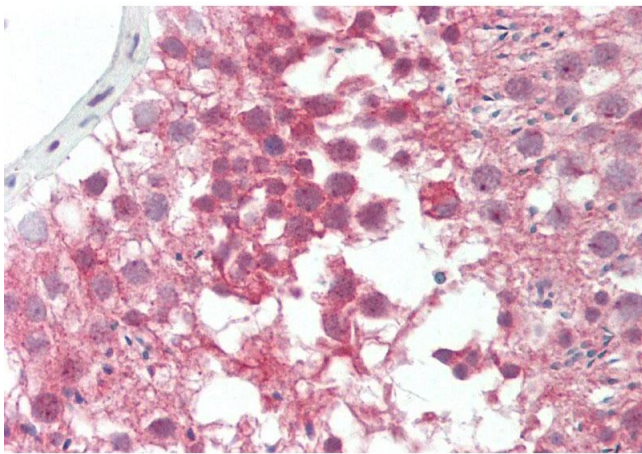
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1.



Immunohistochemistry

Image 2. Rabbit Anti-BRD4 antibody Formalin Fixed Paraffin Embedded Tissue: Human Testis Primary antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec