Datasheet for ABIN214729

anti-BRD4 antibody (AA 651-700)

2 Images

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Overview

Quantity:	50 µg
Target:	BRD4
Binding Specificity:	AA 651-700
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Rabbit, Horse, Pig, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRD4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa651-700 of human BRD4 (O60885-2, NP_055114). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Galago, Mouse, Rat, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Platypus, Lizard (100%). Type of Immunogen: Synthetic peptide
Specificity:	Human BRD4
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Bovine, Rabbit, Horse, Pig, Guinea pig (100%).
Purification:	Immunoaffinity purified

Target Details

Target:	BRD4
Alternative Name:	BRD4 (BRD4 Products)
Background:	Name/Gene ID: BRD4 Subfamily: BRD Family: Protein Kinase Synonyms: BRD4, Bromodomain containing 4, Chromosome-associated protein, MCAP, HUNK1, Protein HUNK1, Bromodomain-containing 4, HUNKI
Gene ID:	23476
NCBI Accession:	NP_055114
UniProt:	O60885
Pathways:	Chromatin Binding, SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Approved: IHC, IHC-P (10 µg/mL), WB (0.2 - 1 µg/mL) Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 10 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

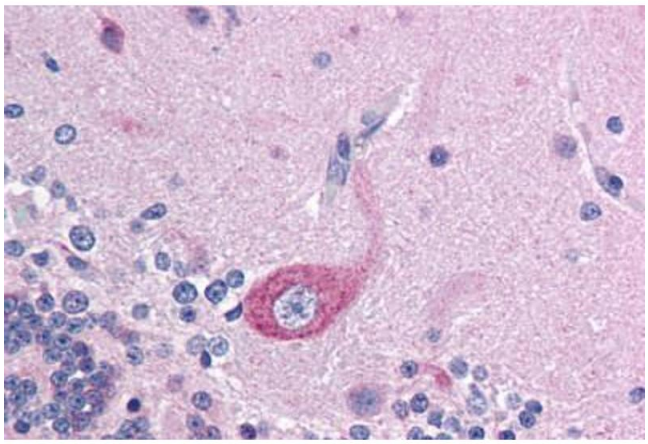
Handling

Format:	Lyophilized
Reconstitution:	After adding water, will consist of PBS buffer with 2 % sucrose
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose

Handling

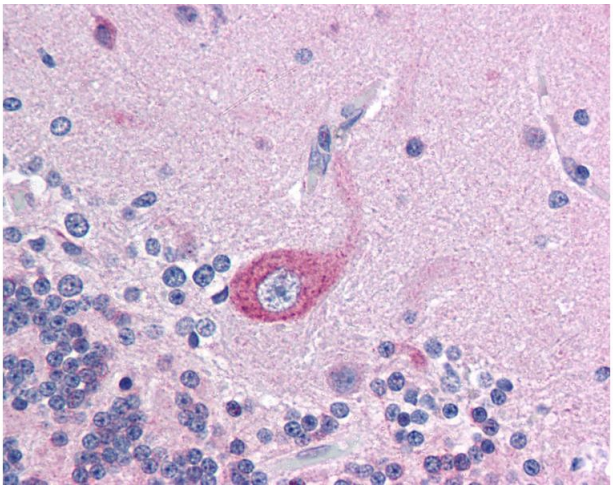
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Human Brain, Cerebellum (formalin-fixed, paraffin-embedded) stained with BRD4 antibody ABIN214729 at 10 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-BRD4 antibody IHC of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml. This image was taken for the unconjugated form of this product ...