

## Product Datasheet

### CASP3(Asp175) Antibody (orb1930729)

<b>Catalog Number</b>	orb1930729
<b>Category</b>	Antibodies
<b>Description</b>	Affinity Purified Rabbit Polyclonal Antibody (Pab)
<b>Target</b>	CASP3
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Rat
<b>Form/Appearance</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Immunogen</b>	This CASP3(Asp175) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 149-179 amino acids from human CASP3(Asp175). Antigen Region: 149-179 aa.
<b>UniProt ID</b>	<b>P42574</b>
<b>MW</b>	31608 Da
<b>Tested applications</b>	FC, IHC-P, WB
<b>Dilution range</b>	WB - 1:1000, IHC-P - 1:50-100, FC - 1:10-50
<b>Clone Number</b>	BTD47056

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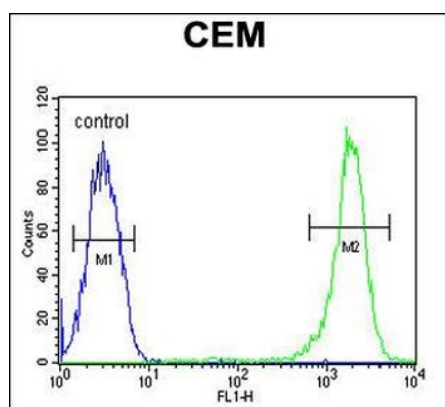
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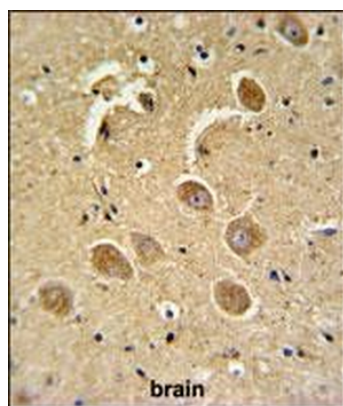
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<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>Note</b>	For research use only
<b>NCBI</b>	<b>NP_004337.2, NP_116786.1</b>
<b>Expiration Date</b>	12 months from date of receipt.



CASP3 (Asp175) Antibody flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



CASP3 (Asp175) Antibody IHC analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CASP3 (Asp175) Antibody for immunohistochemistry. Clinical relevance has not been evaluated.

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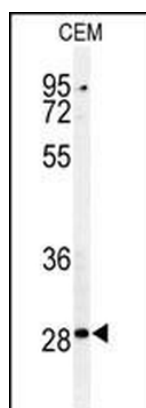
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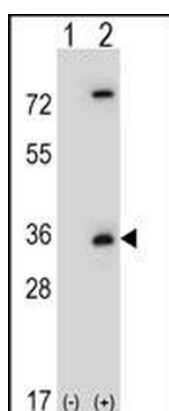
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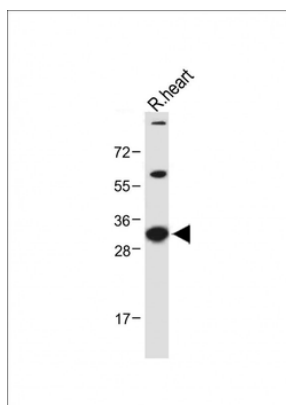
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Western blot analysis of CASP3 (Asp175) Antibody in CEM cell line lysates (35 ug/lane). CASP3 (arrow) was detected using the purified Pab.



Western blot analysis of CASP3 (arrow) using rabbit polyclonal CASP3 Antibody. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CASP3 gene.



Anti-CASP3 (Asp175) Antibody at 1:1000 dilution + Rat heart whole tissue lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 35 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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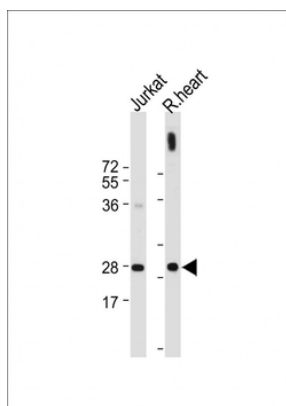
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All lanes: Anti-CASP3 (Asp175) Antibody at 1:1000-1:2000 dilution. Lane 1: Jurkat whole cell lysate. Lane 2: Rat heart tissue lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 32 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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