

Product Data Sheet

Anti-Ataxin 2 Antibody

Catalog #	Source	Reactivity	Applications
CPA2046	Rabbit	H, Mk	WB, IH, IP
Description	Rabbit polyclonal antibody to Ataxin 2		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Ataxin 2. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Ataxin 2 protein.		
Clonality	Polyclonal		
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IH (1/100 - 1/200), IP (1/10 - 1/100)		
Gene Symbol	ATXN2		
Alternative Names	ATX2; SCA2; TNRC13; Ataxin-2; Spinocerebellar ataxia type 2 protein; Trinucleotide repeat-containing gene 13 protein		
Entrez Gene	6311 (Human)		
SwissProt	Q99700 (Human)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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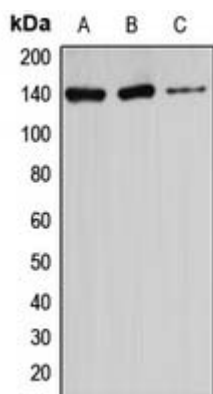
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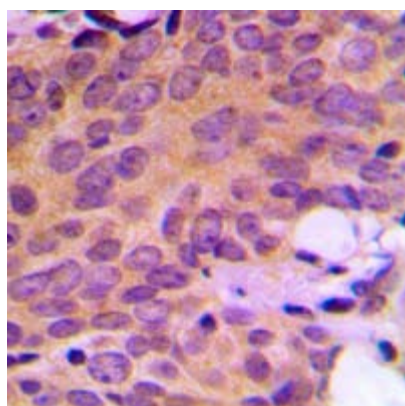
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Western blot analysis of Ataxin 2 expression in HeLa (A), U87MG (B), Jurkat (C) whole cell lysates.



Immunohistochemical analysis of Ataxin 2 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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