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Product Data Sheet

Anti-FOXB1/2 Antibody

Catalog #	Source	Reactivity	Applications
CPA6134	Rabbit	H, M, R, Z	WB, IH

Description	Rabbit polyclonal antibody to FOXB1/2
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human FOXB1/2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of FOXB1/2 protein.
Clonality	Polyclonal
Conjugation	
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 (1/50 - 1/200)
Gene Symbol	FOXB1; FOXB2
Alternative Names	FOXB1; FKH5; Forkhead box protein B1; Transcription factor FKH-5; FOXB2; Forkhead box protein B2
Entrez Gene	27023, 442425 (Human); 64290, 14240 (Mouse)
SwissProt	Q99853, Q5VYV0 (Human); Q64732, Q64733 (Mouse)
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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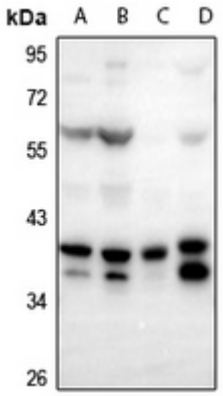
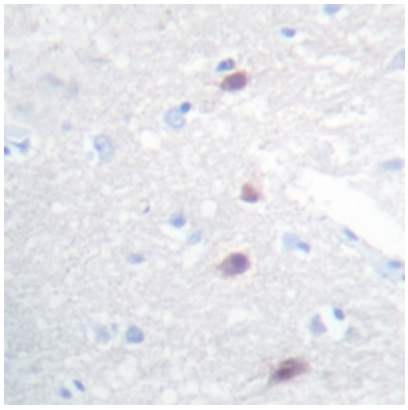


Western blot analysis of FOXB1/2 expression in SG7901 (A), Myla2059 (B), mouse embryo (C), rat testis (D) whole cell lysates. (Predicted band size: 34; 45 kD; Observed band size: 40 kD)



Immunohistochemical analysis of FOXB1/2 staining in human brain 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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