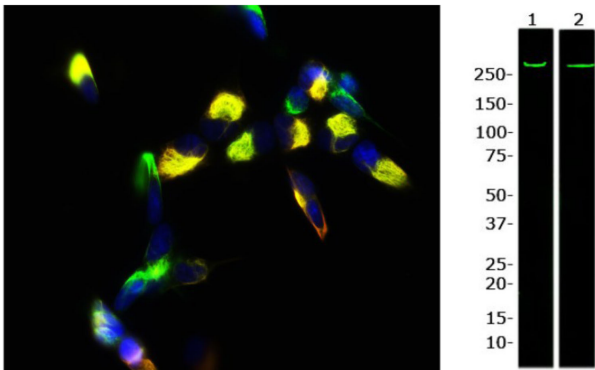


Product Info

PRODUCT NAME	Nestin, Chicken Polyclonal Antibody
PRODUCT DESCRIPTION	Chicken anti-Nestin Polyclonal Antibody (Unconjugated), suitable for WB, ICC.
CATALOG NUMBER(S)	C-1812-50
UNIT SIZE(S)	50 µL
BATCH NUMBER	Please see item label.
SPECIFICITY	Human, reacts with human and rat. Other species not tested.
APPLICATION(S)	ICC, WB
APPLICATION DETAILS	Western blotting (1:1,000-1:5,000) and Immunocytochemistry (1:2,000-1:5,000). Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
TARGET	Nestin
ALTERNATIVE NAMES	NES;
UNIPROT NUMBER AND NAME	P48681 (NEST_HUMAN)
TARGET HOST SPECIES	Human
SPECIES REACTIVITY	Human, Rat
ANTIBODY HOST	Chicken
ANTIBODY TYPE	Polyclonal
ANTIBODY ISOTYPE	IgY
CONJUGATE	Unconjugated
IMMUNOGEN DESCRIPTION	Part of recombinant human protein (amino acids 315-630).
FORMAT	Lyophilized IgY preparation, with sodium azide.
RECONSTITUTION INSTRUCTIONS	Spin vial briefly before opening. Reconstitute with 50 µL sterile-filtered, ultrapure water. Centrifuge to remove any insoluble material.
PURITY DESCRIPTION	IgY fraction
STORAGE INSTRUCTIONS	Store lyophilized antibody at 2-8°C. After reconstitution divide into aliquots and store at -20°C for long-term storage. Store at 2-8°C short-term (up to 4 weeks) with an appropriate antibacterial agent. Avoid repetitive freeze/thaw cycles.
EXPIRATION DATE	12 months after date of receipt (unopened vial).

MAIN IMAGE	 The figure consists of two parts. On the left is an immunocytochemistry image of SH-SY5Y neuroblastoma cells. The cells are stained with chicken antibody to Nestin (green, 1:2,000) and rabbit antibody to Vimentin (red, 1:2,000). The co-localization of vimentin and nestin in cells is shown in yellow. Blue: DAPI staining of nuclear DNA. On the right is a Western blot analysis of nestin expression in rat C6 (Lane 1) and human SH-SY5Y (Lane 2) cell lysates. The antibody (1:1,000) detects one specific band running at ~260 kDa corresponding to full-length nestin protein. The molecular weight markers are indicated on the left of the blot: 250-, 150-, 100-, 75-, 50-, 37-, 25-, 20-, 15-, and 10- kDa.
MAIN IMAGE CAPTION	Left: SH-SY5Y neuroblastoma cells stained with chicken antibody to Nestin (green, 1:2,000) and rabbit antibody to Vimentin (R-1699-100, red, 1:2,000) by Immunocytochemistry. Vimentin is main partner of nestin forming heterodimers, further polymerizing to form intermediate filaments. Co-localization of vimentin and nestin in cells is shown in yellow. Blue: DAPI staining of nuclear DNA. Right: Western blot analysis of nestin expression in rat C6 (Lane 1) and human SH-SY5Y (Lane 2) cell lysates. The antibody (1:1,000) detects one specific band running at ~260 kDa corresponding to full-length nestin protein.
ADDITIONAL IMAGES STATEMENT	Please refer to the Biosensis website for additional product images.
REFERENCES STATEMENT	Please refer to our website for product-specific references.
REGULATORY STATUS	For research use only.