Caption:   
Representative immunostaining of paraffin sections with antibodies against Topoisomerase 2A and Aquaporin 1. (A) Upper panel shows two TOP2A positive cores from GBMs; lower panel shows two negative cores on the same tissue micro-array. (B) Upper panel from left to right: cortex and white matter; lower panel from left to right: spinal cord and hypocampus. All stained with anti-TOP2A antibodies. (C – D) Paraffin section of GBM showing nuclear staining of TOP2A; D shows a higher magnification and E is the corresponding negative control with mouse IgG1 and no primary antibodies. (F – G) Paraffin section of GBM showing cytoplasmatic staining with anti-aquaporin 1 antibodies; G shows a higher magnification and H is the negative control.

Question: What is the purpose of the immunostaining in this study?   
   
A: to identify different types of brain tumors   
B: to analyze the expression of two proteins   
C: to determine the effect of treatment on brain tumors   
D: to diagnose brain tumors

Answer: B: to analyze the expression of two proteins