

**bs-17033R****[ Primary Antibody ]****KIAA2022 Rabbit pAb****BioSS**  
**ANTIBODIES**

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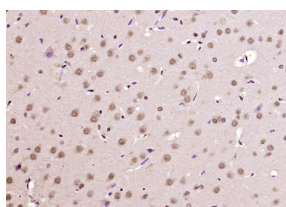
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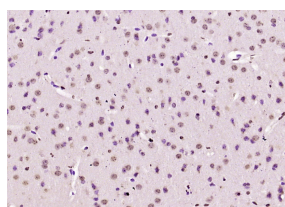
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 340533	<b>SWISS:</b> Q5QGS0	
<b>Target:</b> KIAA2022		<b>Reactivity:</b> Mouse, Rat (predicted: Human, Pig, Horse)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Protein KIAA2022: 1151-1160/1516.		
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 167 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Nucleus
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> KIAA2022 is a 1,516 amino acid protein that is highly expressed in both adult and fetal brain and is encoded by a gene which maps to human chromosome X. Chromosomal aberrations involving the KIAA2022 gene are associate with the development of severe mental retardation, suggesting a role for KIAA2022 in normal brain development and function. Human chromosome X, on which the KIAA2022 gene is localized, contains nearly 153 million base pairs and houses over 1,000 genes. In conjunction with chromosome Y, chromosome X is responsible for sex determination. There are a number of conditions related to an abnormal number and combination of sex chromosomes, some of which include Turner's syndrome, color blindness, hemophilia and Duchenne muscular dystrophy.		

**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (KIAA2022) Polyclonal Antibody, Unconjugated (bs-17033R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (KIAA2022) Polyclonal Antibody, Unconjugated (bs-17033R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.