

**bs-6511R****[ Primary Antibody ]****Bioss**  
**ANTIBODIES**

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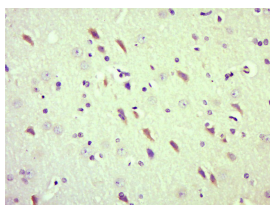
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**RNF45 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500)
<b>Clonality:</b> Polyclonal		<b>IHC-F</b> (1:100-500)
<b>GeneID:</b> 267	<b>SWISS:</b> Q9UKV5	<b>IF</b> (1:100-500)
<b>Target:</b> RNF45		<b>Reactivity:</b> Rat (predicted: Human, Mouse, Rabbit, Cow, Chicken, Dog)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human AMFR/RNF45: 85-180/643.		<b>Predicted MW.:</b> 73 kDa
<b>Purification:</b> affinity purified by Protein A		<b>Subcellular Location:</b> Cell membrane ,Cytoplasm
<b>Concentration:</b> 1mg/ml		
<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> E3 ubiquitin-protein ligase which can target both itself and other proteins including CD3D and APOB for proteasomal degradation. Mediates polyubiquitination of CYP3A4. Specific receptor for the autocrine motility factor. Mediates tumor invasion and metastasis. Component of a complex required to couple deglycosylation and proteasome-mediated degradation of misfolded proteins in the endoplasmic reticulum that are retrotranslocated in the cytosol. Promotes ubiquitination of misfolded proteins such as mutant CFTR; proposed to mediate sequential ubiquitination by recognizing already ubiquitin-conjugated substrates and to cooperate with E3 ubiquitin-protein ligase RNF5.		

**— 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 (RNF45) Polyclonal Antibody, Unconjugated (bs-6511R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=1.4]** Anil Alpsoy. et al. Immunohistochemical markers of potential utility in identifying POLE-mutant endometrial carcinomas: An assessment of autocrine motility factor (AMF) and autocrine motility factor receptor (AMFR). ANN DIAGN PATHOL. 2025 Apr;75:152433 IHC ;Human. 39787898