兔抗 ROBO3 多克隆抗体

中文名称：兔抗 ROBO3 多克隆抗体

英文名称： Anti-ROBO3 rabbit polyclonal antibody

别　名： HGPS; RIG1; HGPPS; RBIG1

相关类别： 一抗

储　存： 冷冻（-20℃）

宿　主： Rabbit

抗　原： ROBO3

反应种属： Human, Mouse

标记物： Unconjugate

克隆类型： rabbit polyclonal

技术规格

Background:	This gene is a member of the Roundabout (ROBO) gene family that controls neurite outgrowth, growth cone guidance, and axon fasciculation. ROBO proteins are a subfamily of the immunoglobulin transmembrane receptor superfamily. SLIT proteins 1-3, a family of secreted chemorepellants, are ligands for ROBO proteins and SLIT/ROBO interactions regulate myogenesis, leukocyte migration, kidney morphogenesis, angiogenesis, and vasculogenesis in addition to neurogenesis. This gene, ROBO3, has a putative extracellular domain with five immunoglobulin (Ig)-like loops and three fibronectin (Fn) type III motifs, a transmembrane segment, and a cytoplasmic tail with three conserv

	ed signaling motifs: CC0, CC2, and CC3 (CC for conserved cytoplasmic). Unlike other ROBO family members, ROBO3 lacks motif CC1. The ROBO3 gene regulates axonal navigation at the ventral midline of the neural tube. In mouse, loss of Robo3 results in a complete failure of commissural axons to cross the midline throughout the spinal cord and the hindbrain. Mutations ROBO3 result in horizontal gaze palsy with progressive scoliosis (HGPPS); an autosomal recessive disorder characterized by congenital absence of horizontal gaze, progressive scoliosis, and failure of the corticospinal and somatosensory axon tracts to cross the midline in the medulla.
Applications:	ELISA, IHC
Name of antibody:	ROBO3
Immunogen:	Fusion protein of human ROBO3
Full name:	roundabout guidance receptor 3
Synonyms:	HGPS; RIG1; HGPPS; RBIG1; HGPPS1
SwissProt:	Q96MS0
ELISA Recommended dilution:	2000-5000
IHC positive control:	Human breast cancer and Human lung cancer
IHC Recommend dilution:	25-100