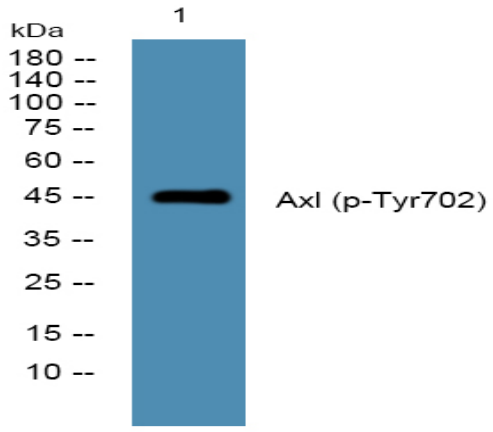
Best Tools for immunology Research

Axl (Phospho Tyr702) rabbit pAb

Catalog No :	YP1270
Reactivity :	Human;Rat;Mouse;
Applications :	WB
Target :	Axl
Fields :	>>EGFR tyrosine kinase inhibitor resistance
Gene Name :	AXL UFO
Protein Name :	Axl (Tyr702)
Human Gene Id :	558
Human Swiss Prot No :	P30530
Mouse Gene Id :	26362
Mouse Swiss Prot No :	Q00993
Immunogen :	Synthesized phosho peptide around human Axl (Tyr702)
Specificity :	This antibody detects endogenous levels of Human Axl (phospho-Tyr702)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:1000-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml

Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	130kD
Background :	The protein encoded by this gene is a cell cycle-regulated kinase that appears to be involved in microtubule formation and/or stabilization at the spindle pole during chromosome segregation. The encoded protein is found at the centrosome in interphase cells and at the spindle poles in mitosis. This gene may play a role in tumor development and progression. A processed pseudogene of this gene has been found on chromosome 1, and an unprocessed pseudogene has been found on chromosome 10. Multiple transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008],
Function :	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,caution:Although authors have considered STK6 and STK15 as two different proteins, it is clear that they are the same protein.,disease:Defects in AURKA are responsible for numerical centrosome aberrations including aneuploidy.,function:May play a role in cell cycle regulation during anaphase and/or telophase, in relation to the function of the centrosome/spindle pole region during chromosome segregation. May be involved in microtubule formation and/or stabilization. Phosphorylates ARHGEF2 and BORA.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. Aurora subfamily.,similarity:Contains 1 protein kinase domain.,subcellular location:Localizes on centrosomes in interphase cells and at
Subcellular Location :	Cell membrane ; Single-pass type I membrane protein .
Expression :	Highly expressed in metastatic colon tumors. Expressed in primary colon tumors. Weakly expressed in normal colon tissue.
Sort :	2534
Host :	Rabbit
Modifications :	Phospho

Products Images



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4°over night