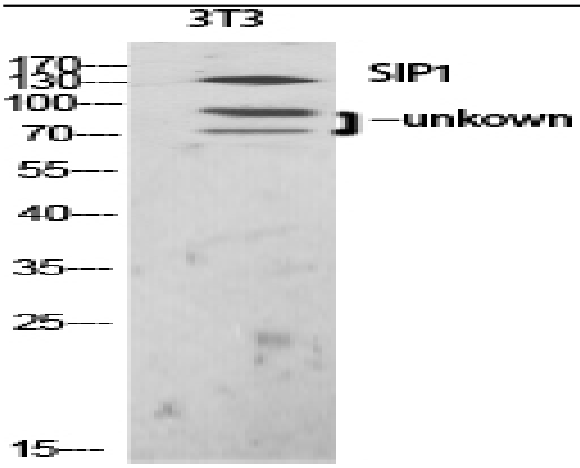
Best Tools for immunology Research

SIP1 Polyclonal Antibody

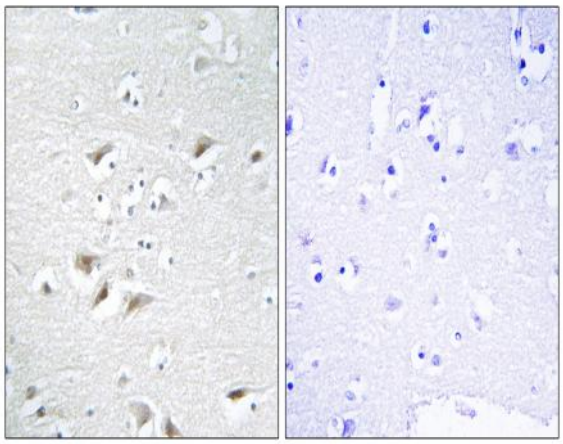
Catalog No :	YT4300
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	SIP1
Fields :	>>MicroRNAs in cancer
Gene Name :	ZEB2
Protein Name :	Zinc finger E-box-binding homeobox 2
Human Gene Id :	9839
Human Swiss Prot No :	O60315
Mouse Gene Id :	24136
Mouse Swiss Prot No :	Q9R0G7
Immunogen :	The antiserum was produced against synthesized peptide derived from human ZEB2. AA range:71-120
Specificity :	SIP1 Polyclonal Antibody detects endogenous levels of SIP1 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	157kD
Background :	The protein encoded by this gene is a member of the Zfh1 family of 2-handed zinc finger/homeodomain proteins. It is located in the nucleus and functions as a DNA-binding transcriptional repressor that interacts with activated SMADs. Mutations in this gene are associated with Hirschsprung disease/Mowat-Wilson syndrome. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Jan 2010],
Function :	disease:Defects in ZEB2 are the cause of Hirschsprung disease-mental retardation syndrome (Hirschsprung disease) [MIM:235730]; also known as Mowat-Wilson syndrome (MWS). Hirschsprung disease is a rare autosomal dominant complex developmental disorder. Individuals with functional null mutations present with mental retardation, delayed motor development, epilepsy, and a wide spectrum of clinically heterogeneous features suggestive of neurocristopathies at the cephalic, cardiac, and vagal levels. Affected patients show an easily recognizable facial appearance with deep set eyes and hypertelorism, medially divergent, broad eyebrows, prominent columella, pointed chin and uplifted, notched ear lobes. Additionally, the phenotypic spectrum of facultative congenital anomalies includes short stature, microcephaly, Hirschsprung disease, malformations of the brain (agenesis of corpus callosum, cereb
Subcellular Location :	Nucleus . Chromosome .
Expression :	Brain,Fetal brain,
Tag :	orthogonal
Sort :	16339
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

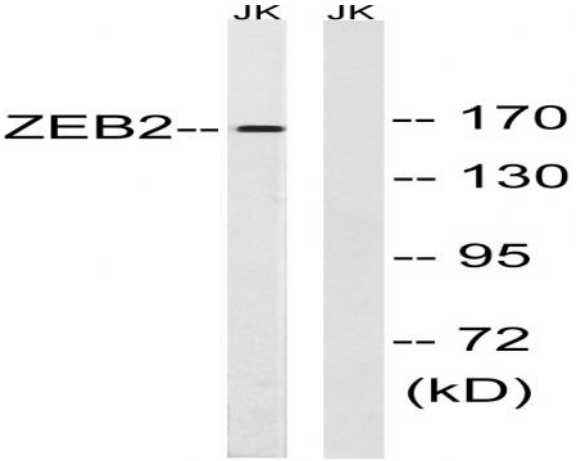
Products Images



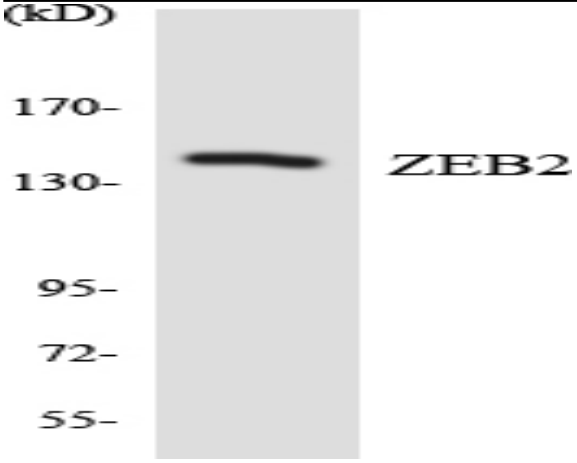
Western Blot analysis of various cells using SIP1 Polyclonal Antibody diluted at 1:1000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using ZEB2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat cells, using ZEB2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using ZEB2 antibody.