



AZI1 Polyclonal Antibody

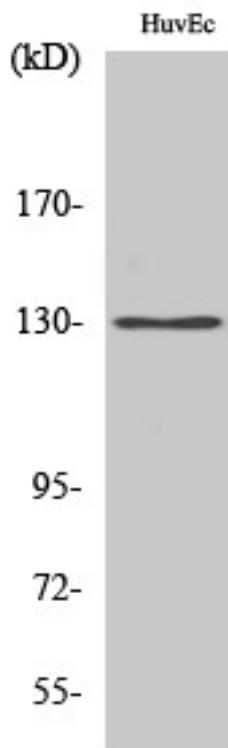
Catalog No	BYab-14675
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	AZI1
Protein Name	5-azacytidine-induced protein 1
Immunogen	The antiserum was produced against synthesized peptide derived from human AZI1. AA range:311-360
Specificity	AZI1 Polyclonal Antibody detects endogenous levels of AZI1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	AZI1; CEP131; KIAA1118; 5-azacytidine-induced protein 1; Centrosomal protein of 131 kDa; Cep131; Pre-acrosome localization protein 1
Observed Band	130kD
Cell Pathway	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriolar satellite . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole . Cytoplasm, cytoskeleton, cilium basal body. Cytoplasmic vesicle, secretory vesicle, acrosome . Colocalized with pericentriolar material protein PCM1 at centriolar satellites. During spermiogenesis, becomes enriched with nephrocystin NPHP1 at the transition zone, a structure at the base of the ciliary axoneme important for regulating traffic into the ciliary compartment. Traffics towards and away from the centrosome/basal body and the transition zone of the ciliary axoneme in a microtubule-dependent manner. Localized at the Golgi-derived acrosome and the
Tissue Specificity	Brain,Epithelium,Lung,

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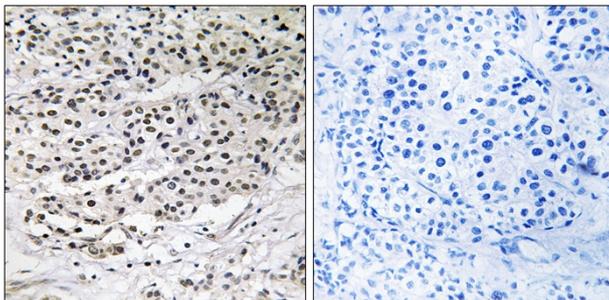


Function	caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,function:May play a role in spermatogenesis.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 IQ domain.,
Background	caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,function:May play a role in spermatogenesis.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 IQ domain.,
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

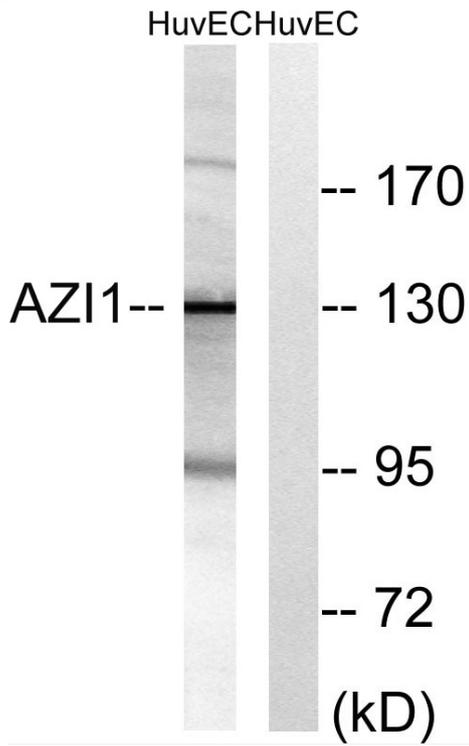


Western Blot analysis of various cells using AZI1 Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using AZI1 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from HUVEC cells, using AZI1 Antibody. The lane on the right is blocked with the synthesized peptide.