

Anti-ABHD2 Polyclonal Antibody

Cat: K108293P

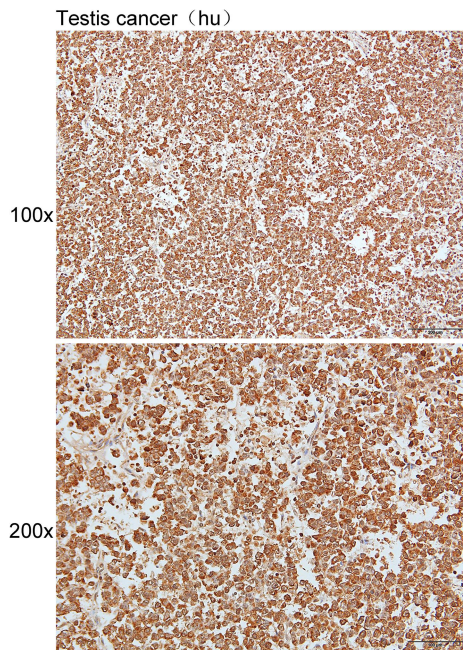
Summary:

【Product name】 : Anti-ABHD2 antibody	【Source】 : Rabbit
【Isotype】 : IgG	【Species reactivity】 : Human Mouse
【Swiss Prot】 : P08910	【Gene ID】 : 11057
【Calculated】 : MW:48kDa	
【Purification】 : Affinity purification	
【Tested applications】 : IHC	
【Recommended dilution】 : IHC 1:25-100.	
【IHC Positive sample】 : Human testis cancer	
【Subcellular location】 : Cytoplasm	
【Immunogen】 : A synthetic peptide of huma ABHD2	
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C	

Background:

Progesterone-dependent acylglycerol lipase that catalyzes hydrolysis of endocannabinoid arachidonoylglycerol (AG) from cell membrane. Acts as a progesterone receptor: progesterone-binding activates the acylglycerol lipase activity; mediating degradation of 1-arachidonoylglycerol (1AG) and 2-arachidonoylglycerol (2AG) to glycerol and arachidonic acid (AA). Also displays an ester hydrolase activity against acetyl ester; butanoate ester and hexadecanoate ester. Plays a key role in sperm capacitation in response to progesterone by mediating degradation of 2AG; an inhibitor of the sperm calcium channel CatSper; leading to calcium influx via CatSper and sperm activation. May also play a role in smooth muscle cells migration.

Verified picture



Immunohistochemistry of paraffin-embedded
Human testis cancer with ABHD2 antibody
diluted at 1:40